

FIGURE 1A

PRIOR ART

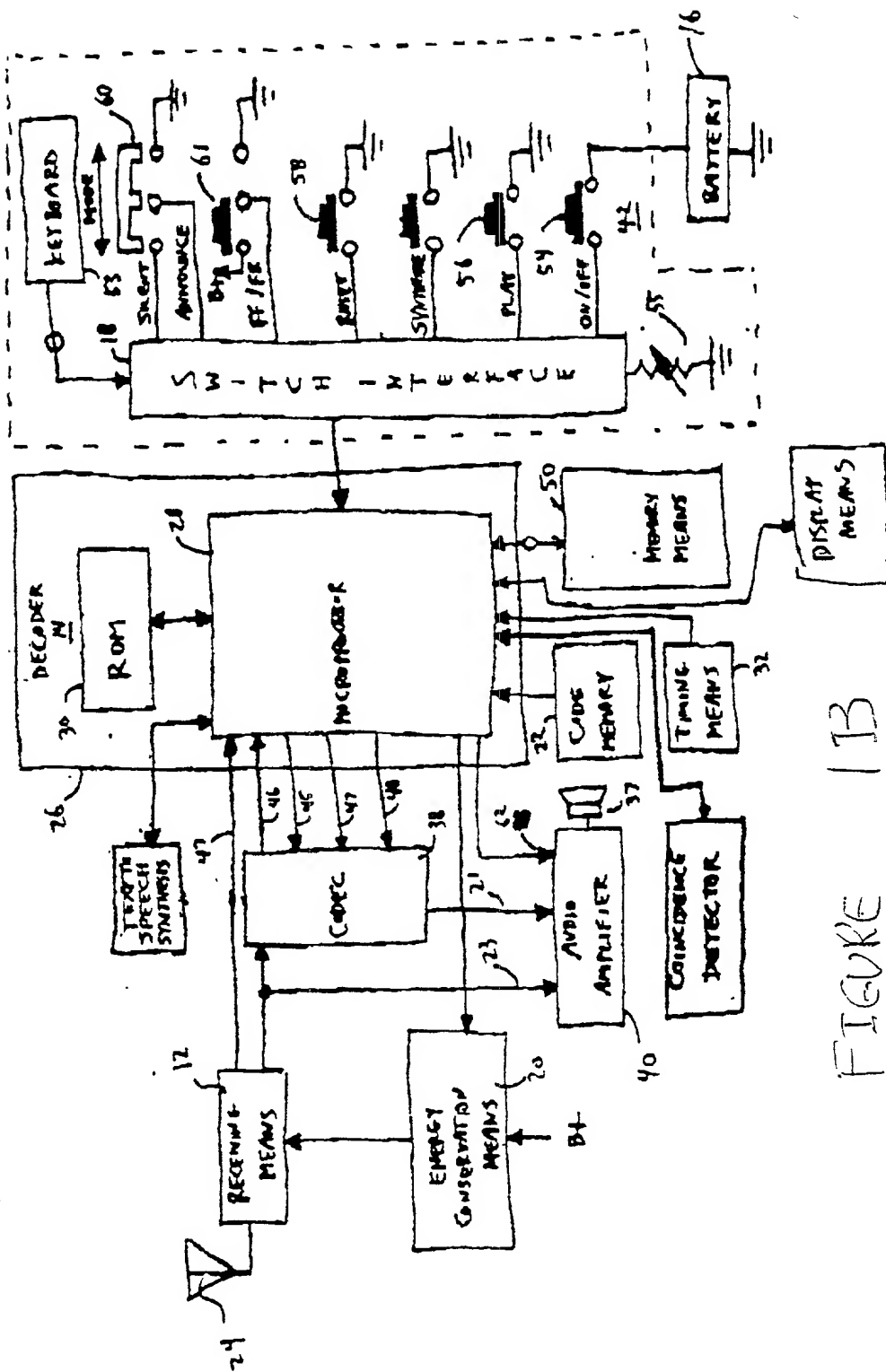


FIGURE 1B

CONFIDENTIAL

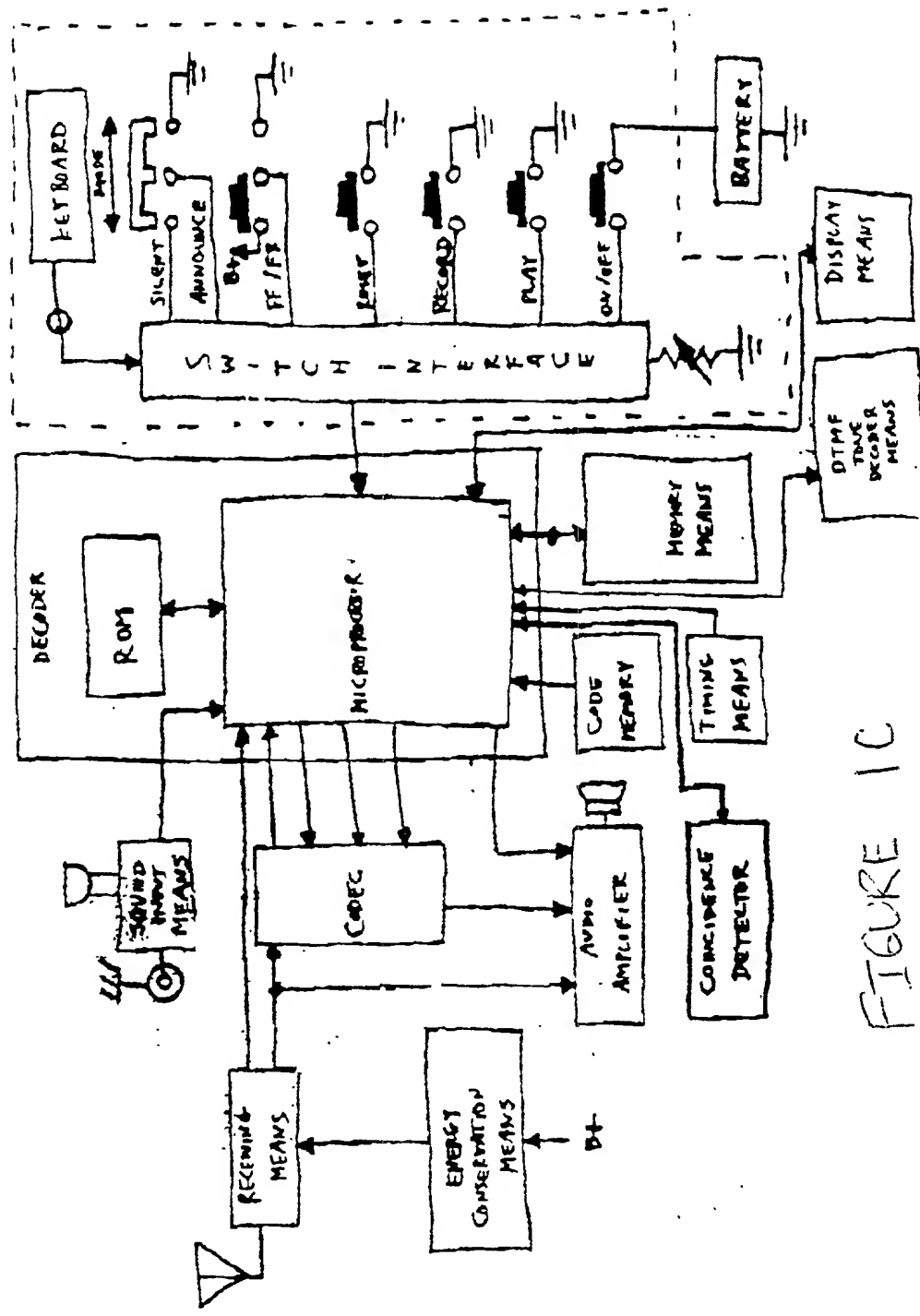


FIGURE 1C

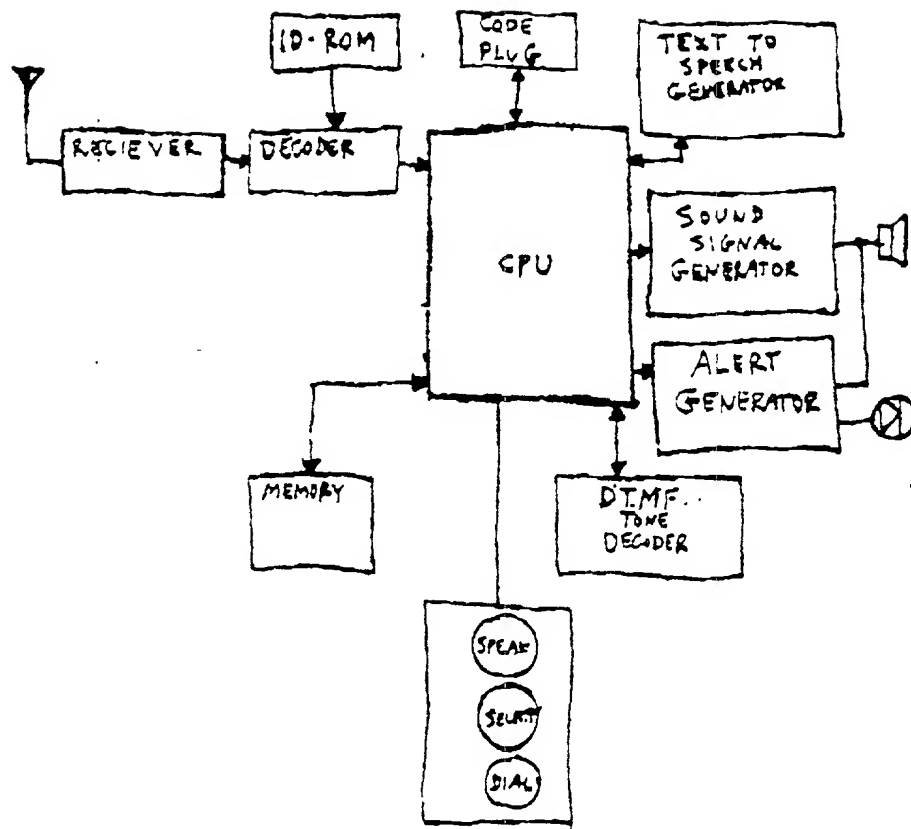


FIGURE 1D

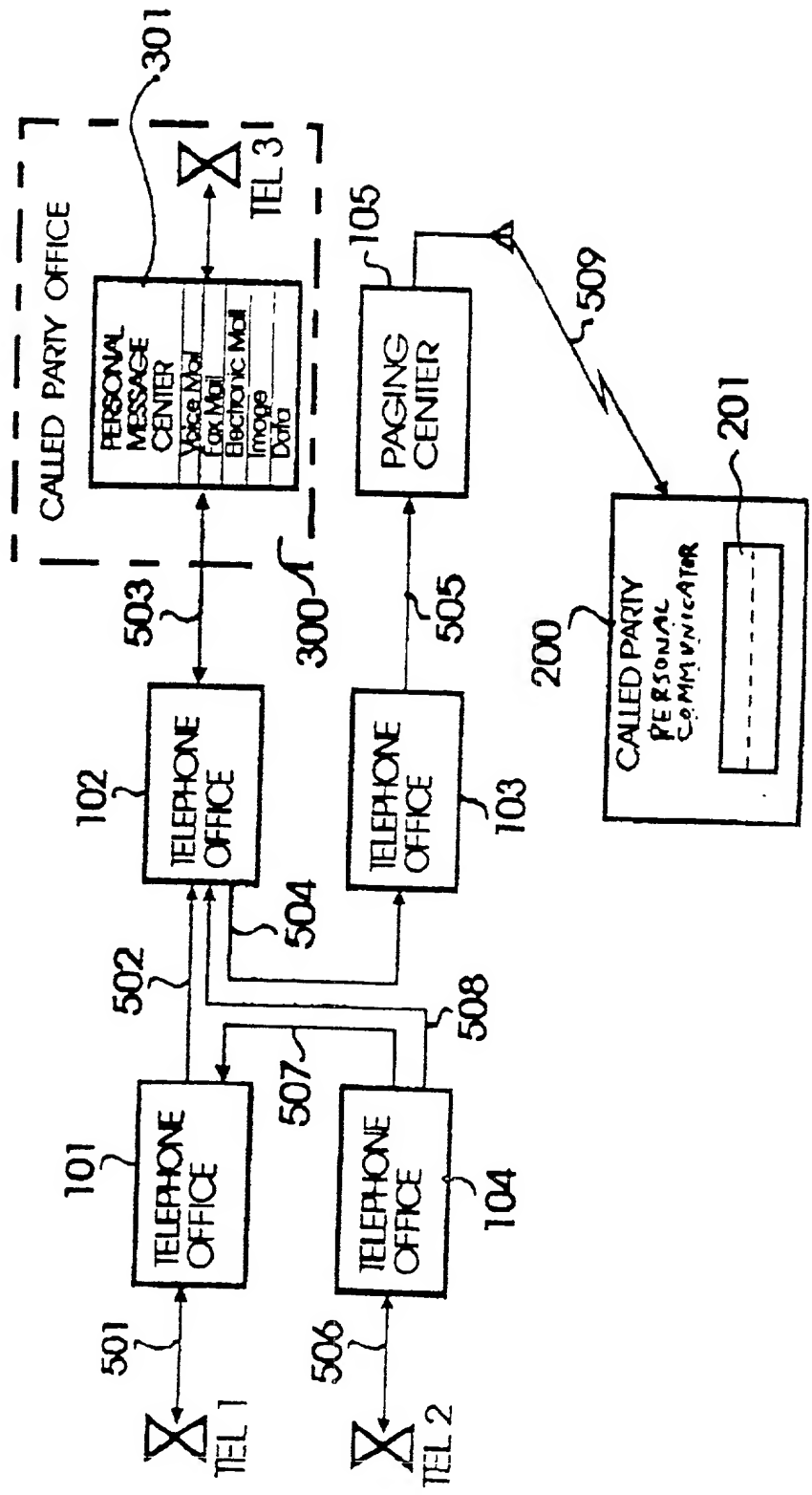


FIGURE 2A

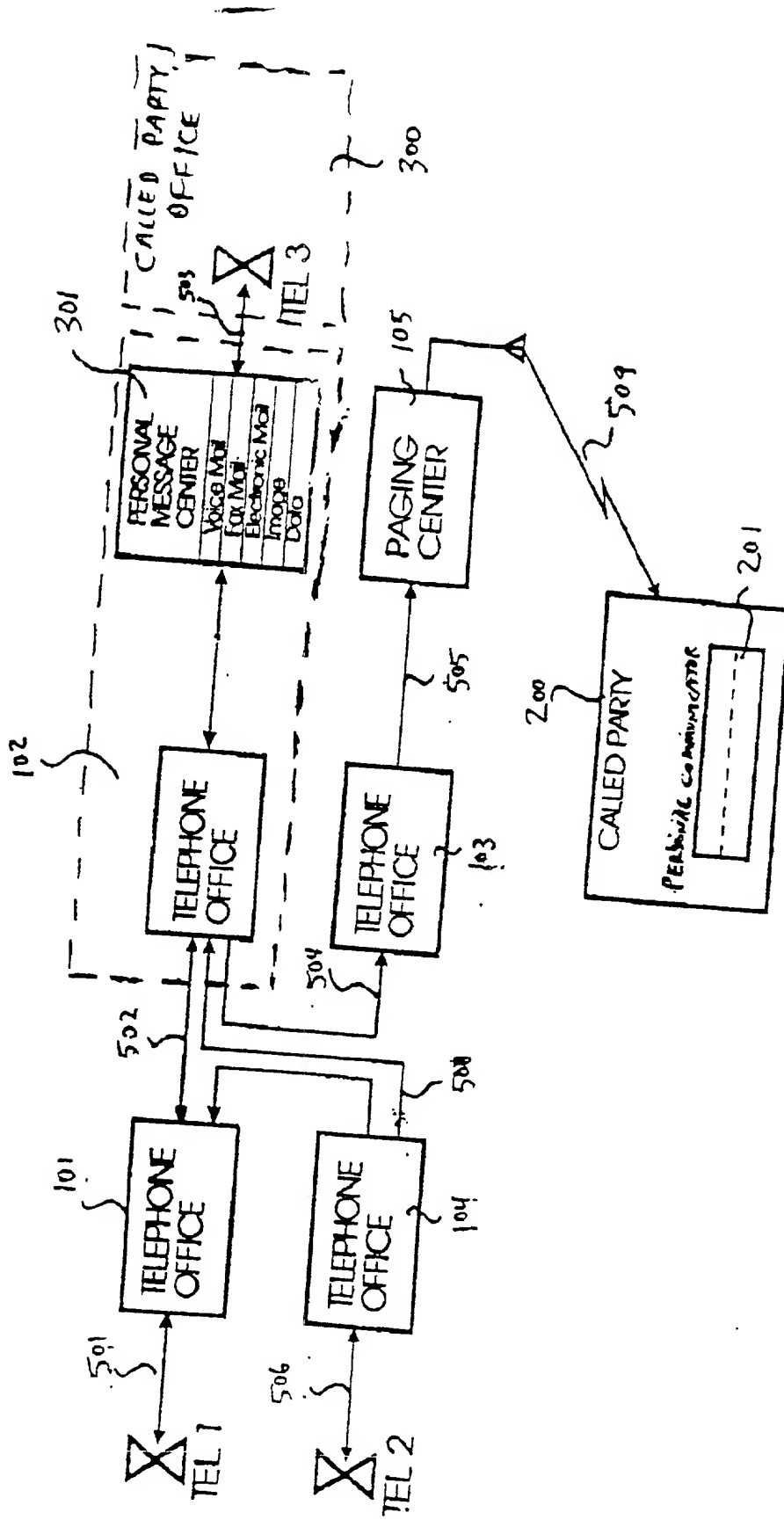


FIGURE 2B

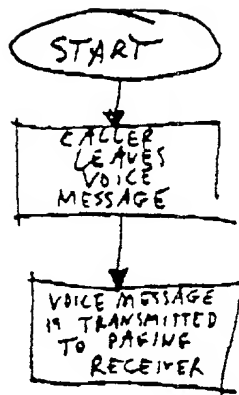


FIGURE 3A (PRIOR ART)

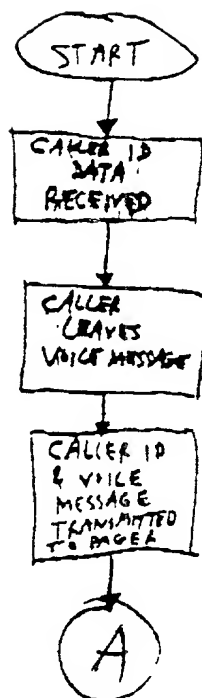


FIGURE 3B



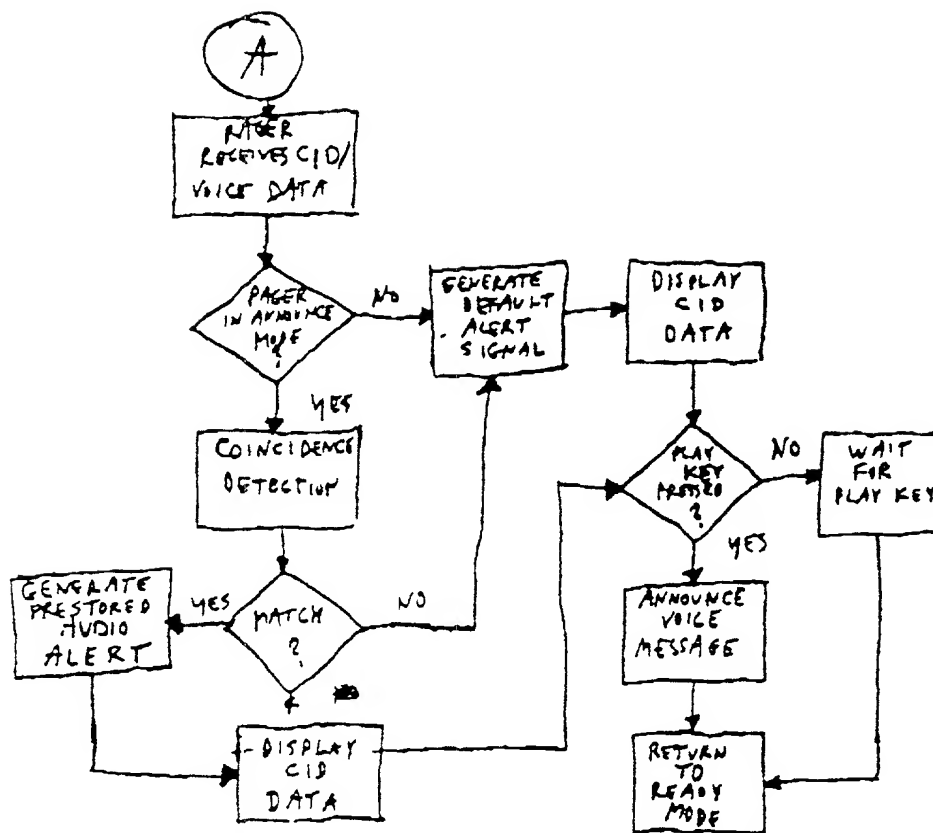


FIGURE 4A

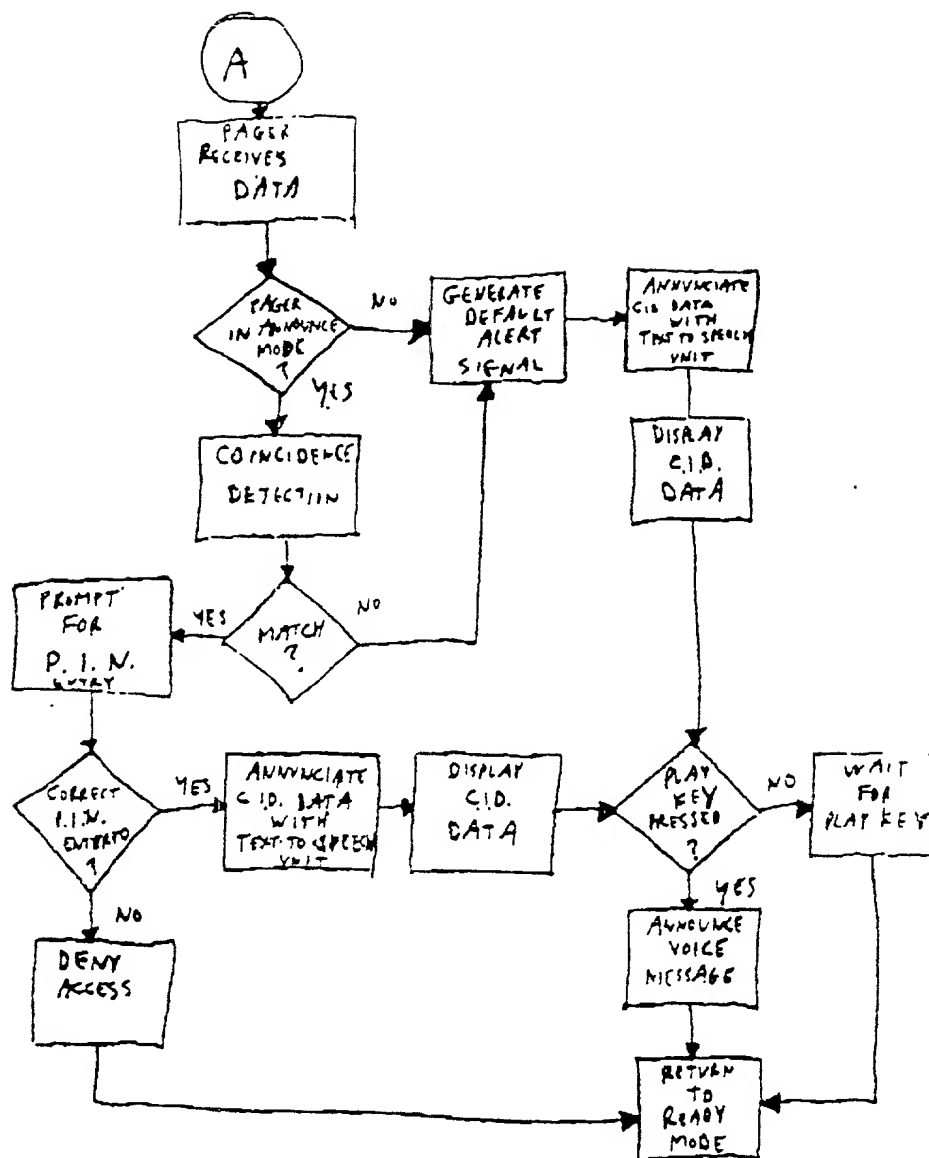


FIGURE 4B

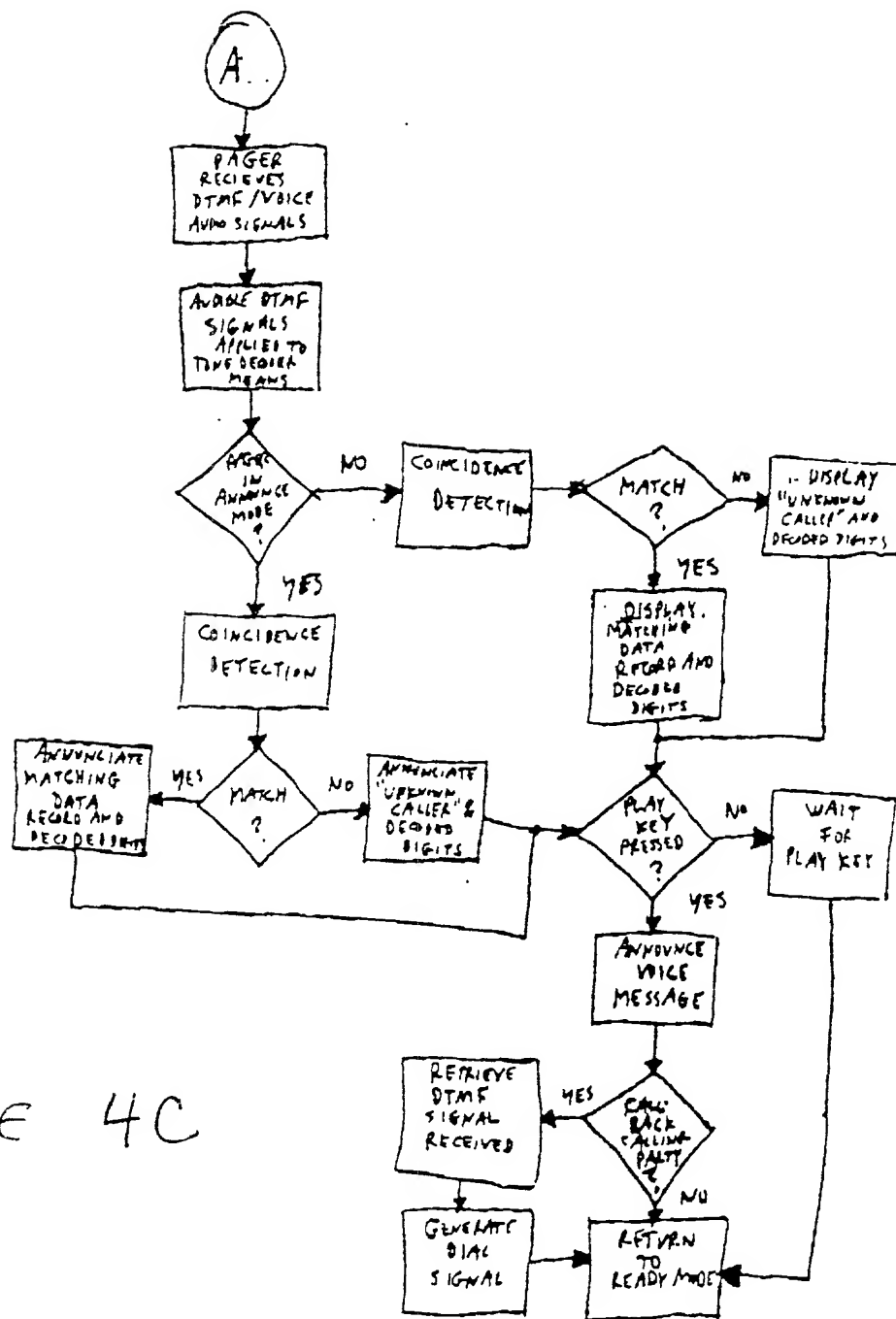


FIGURE 4C

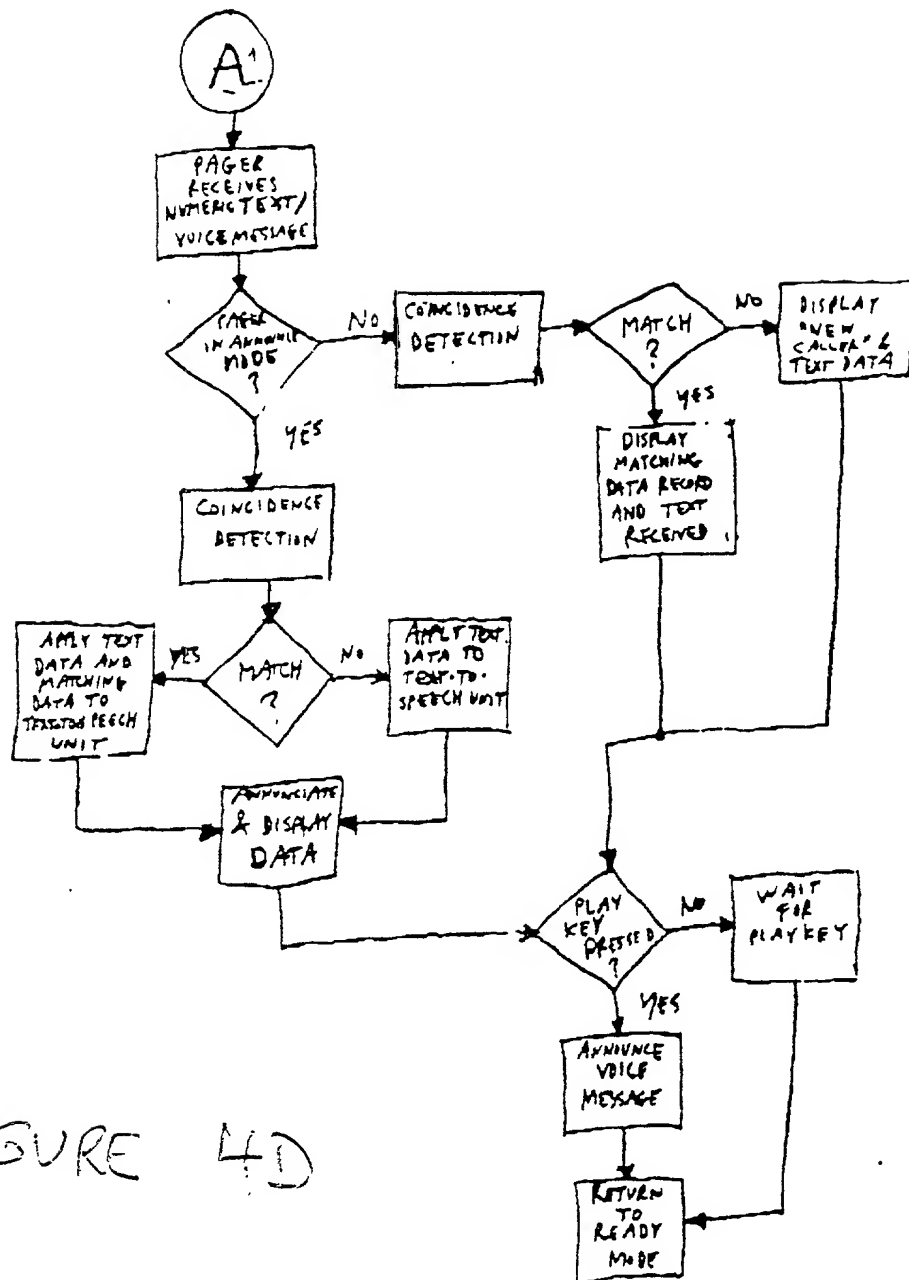
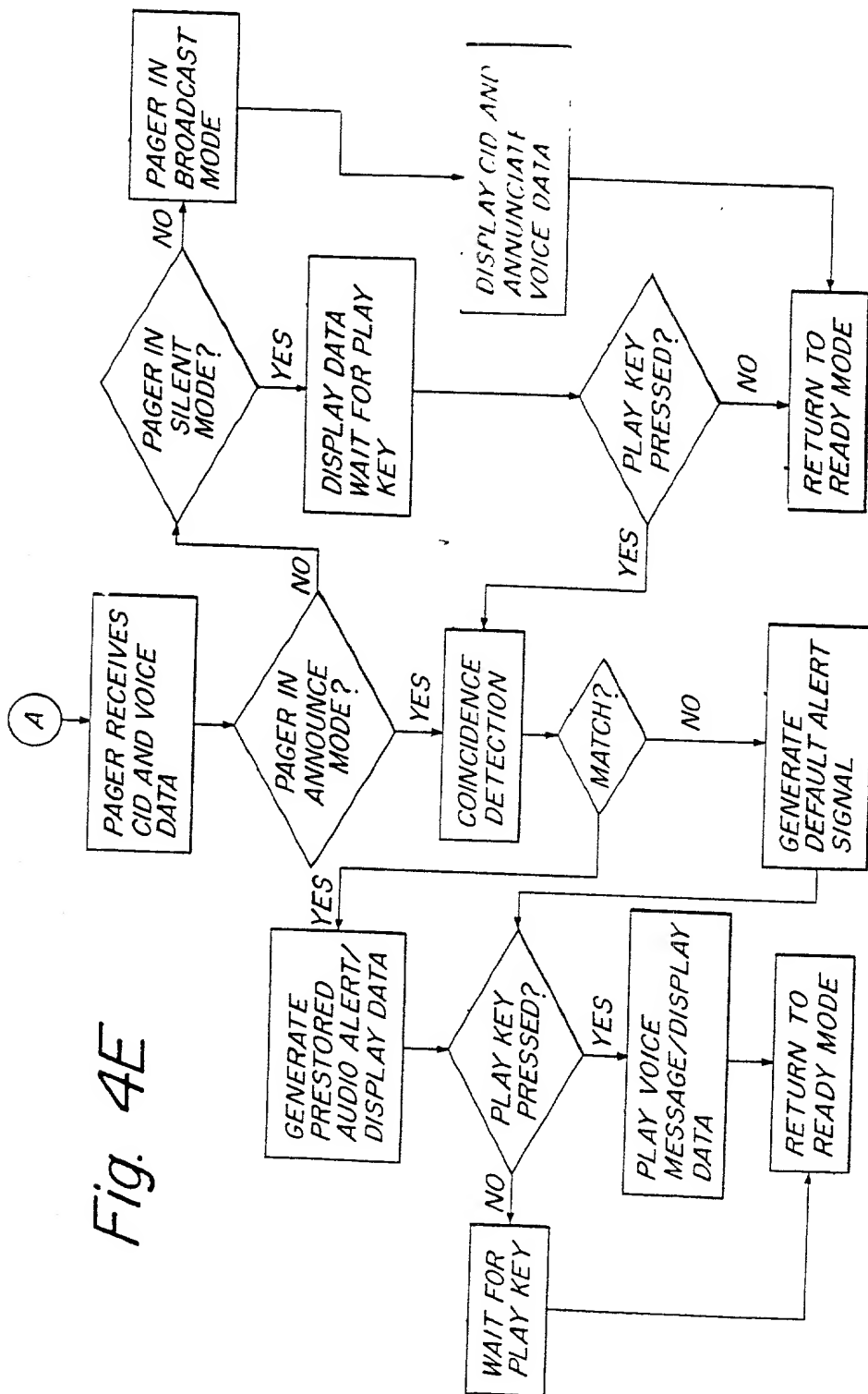


FIGURE 4D

Fig. 4E




PRESTORED MEMORY RECORD

RECORD 1

DR. KAZUO HASHIMOTO  
123 WEST RD.  
SAN FRANCISCO CA 94511

(415)-555-1212 (H)  
(415)-555-2222 (F)  
(415)-766-1111 (M)






FIGURE 5A

FIG. 5B

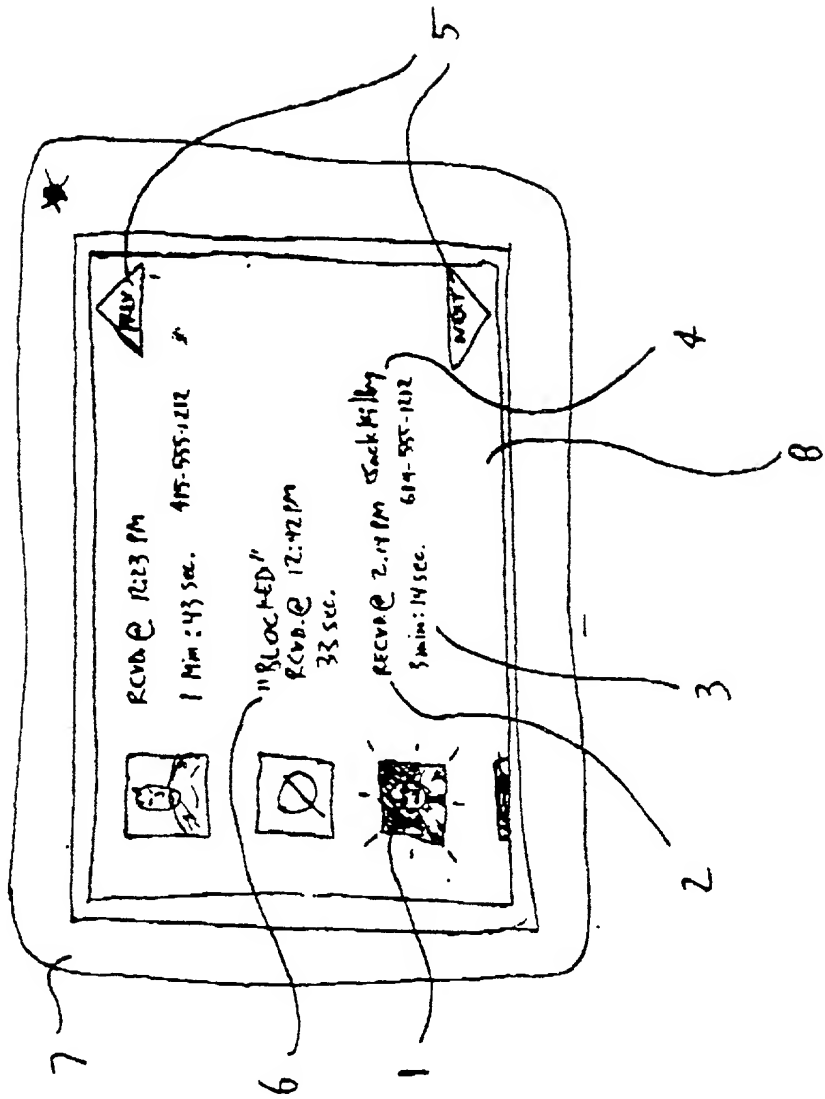


FIGURE 5B




CALLER ID MEMORY ADDRESS REGISTER				
CALL	CALLING NUMBER	CALLING NAME	TIME/DATE	VOICE DATA
1	415-555-1212	KAZUO HASHIMOTO	12:23 PM 3/13/93	
2	BLOCKED	BLOCKED	12:42 PM 3/13/93	BLOCKED
3	619-555-1212	JACK KILBY	02:14 PM 3/13/93	
.				.
.				.
.				.
.				.
.				.
.				.
.				.
X	817-555-1212	THOMAS EDISON	01:33 AM 3/14/93	

Fig. 5C



FIGURE 6A

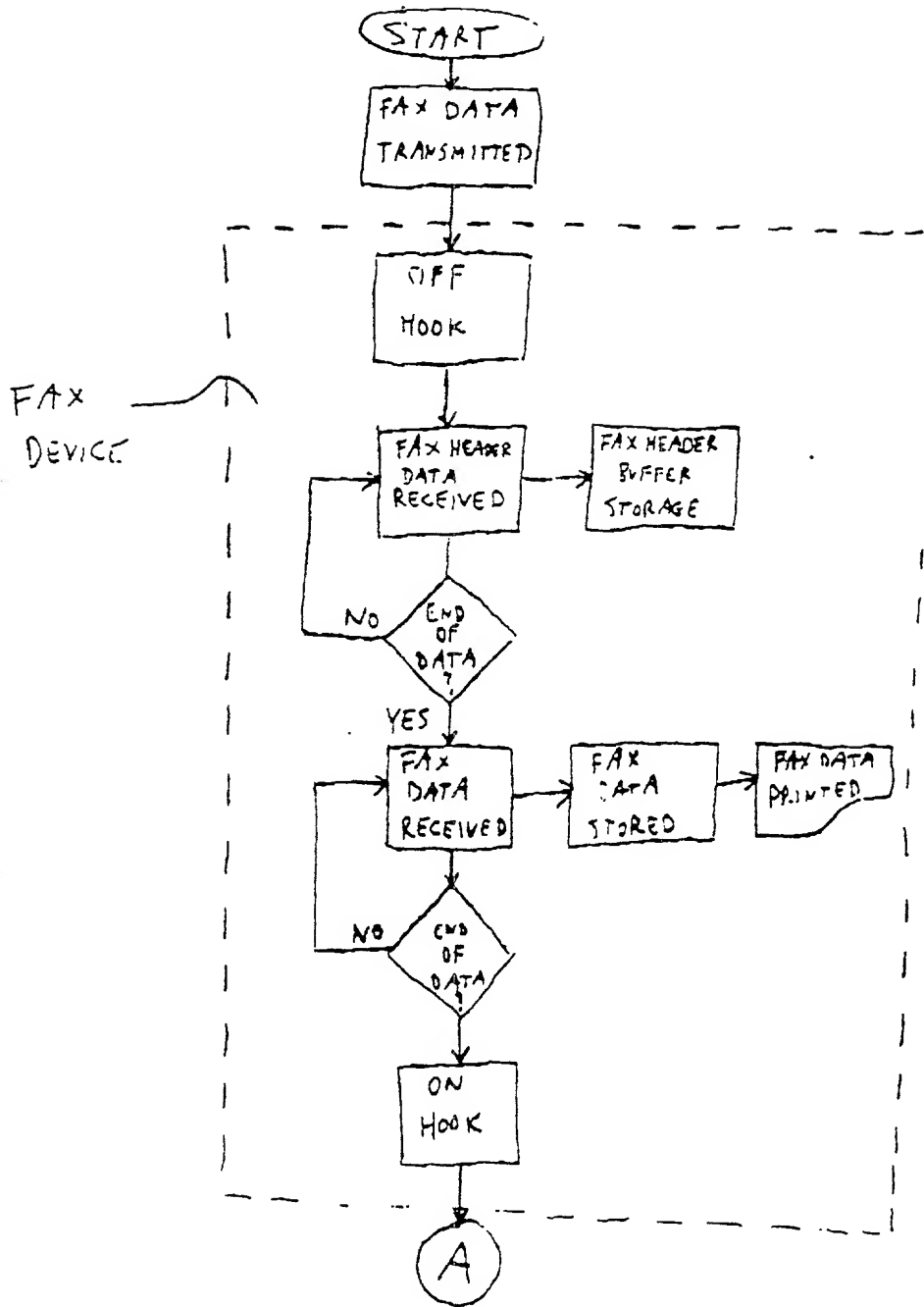


FIGURE 6B

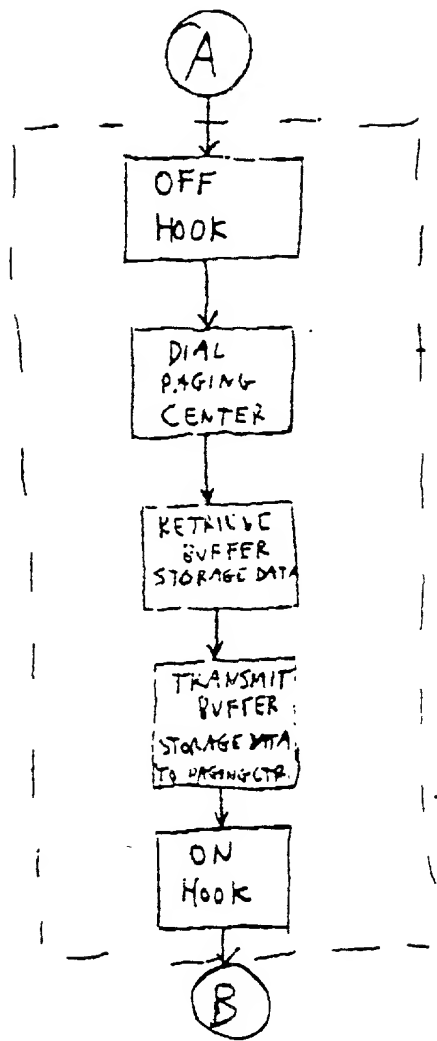


FIGURE 7A

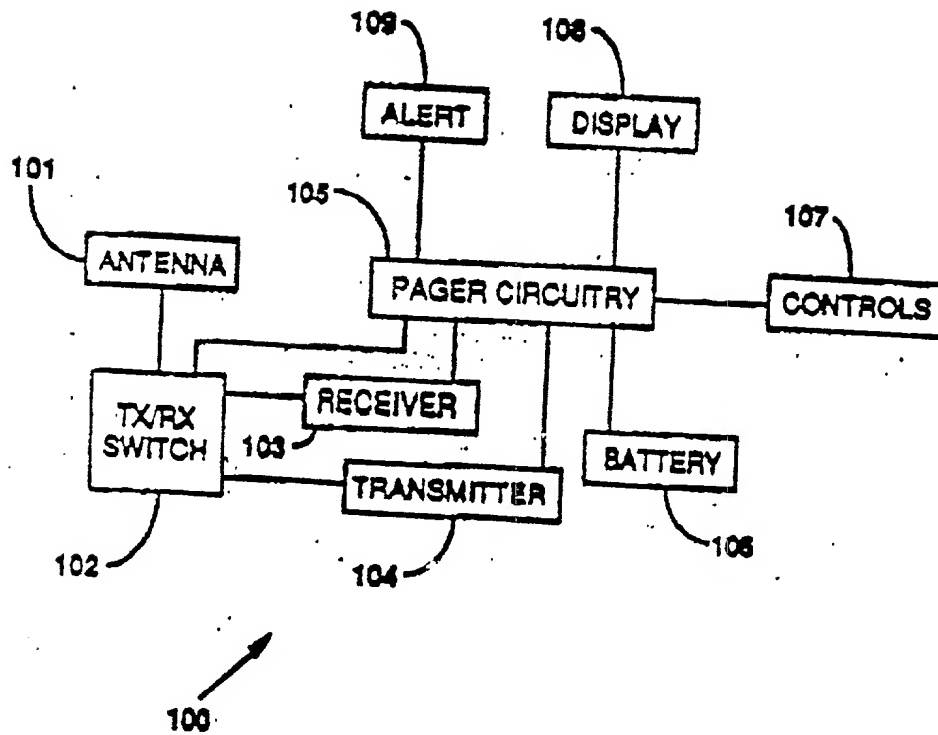
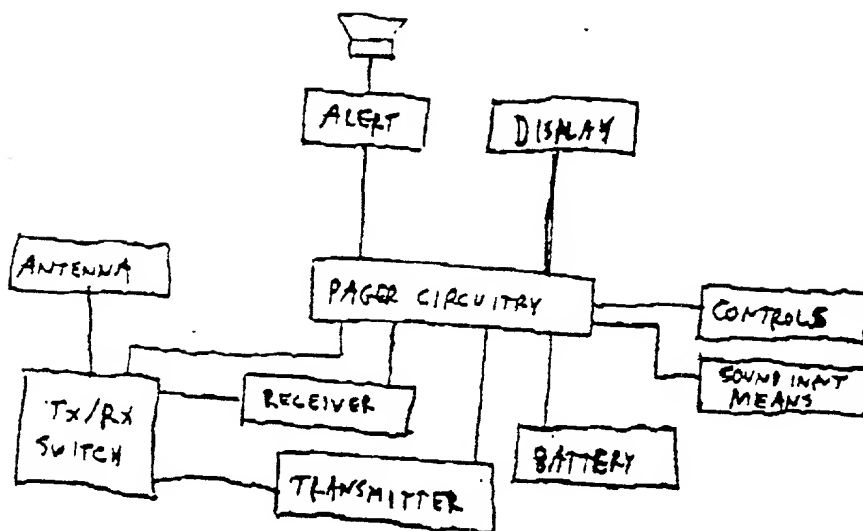


FIGURE 7B



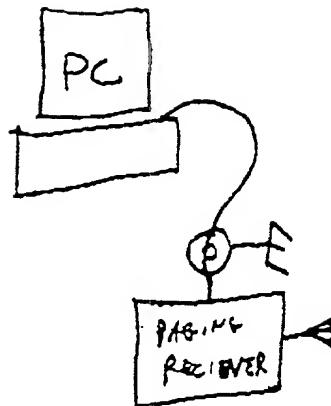


FIGURE 8A

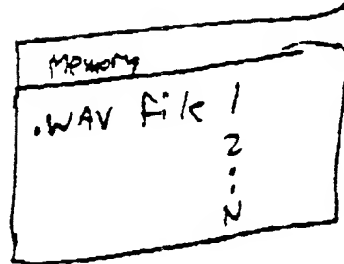


FIGURE 8B

FIGURE 9A

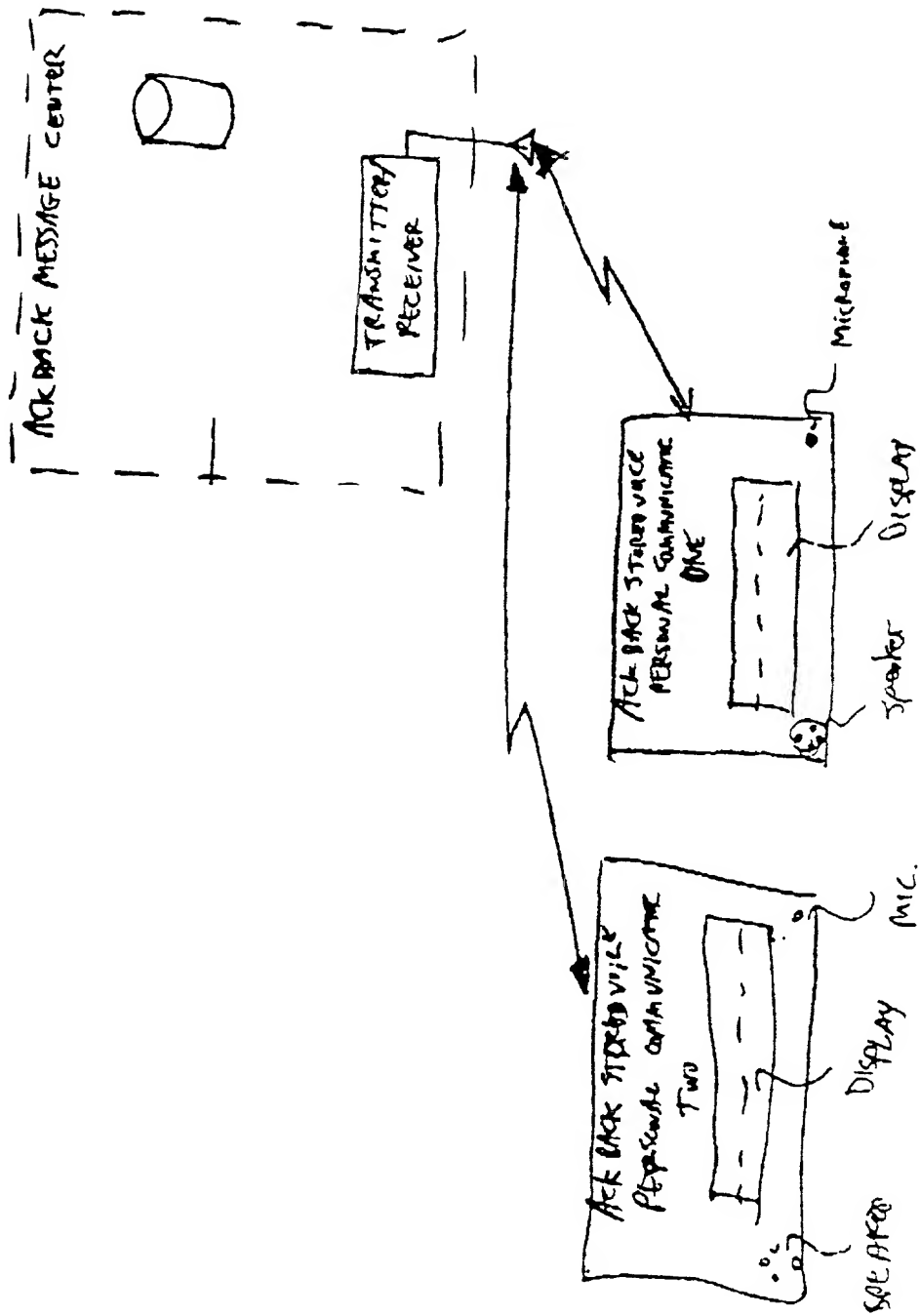
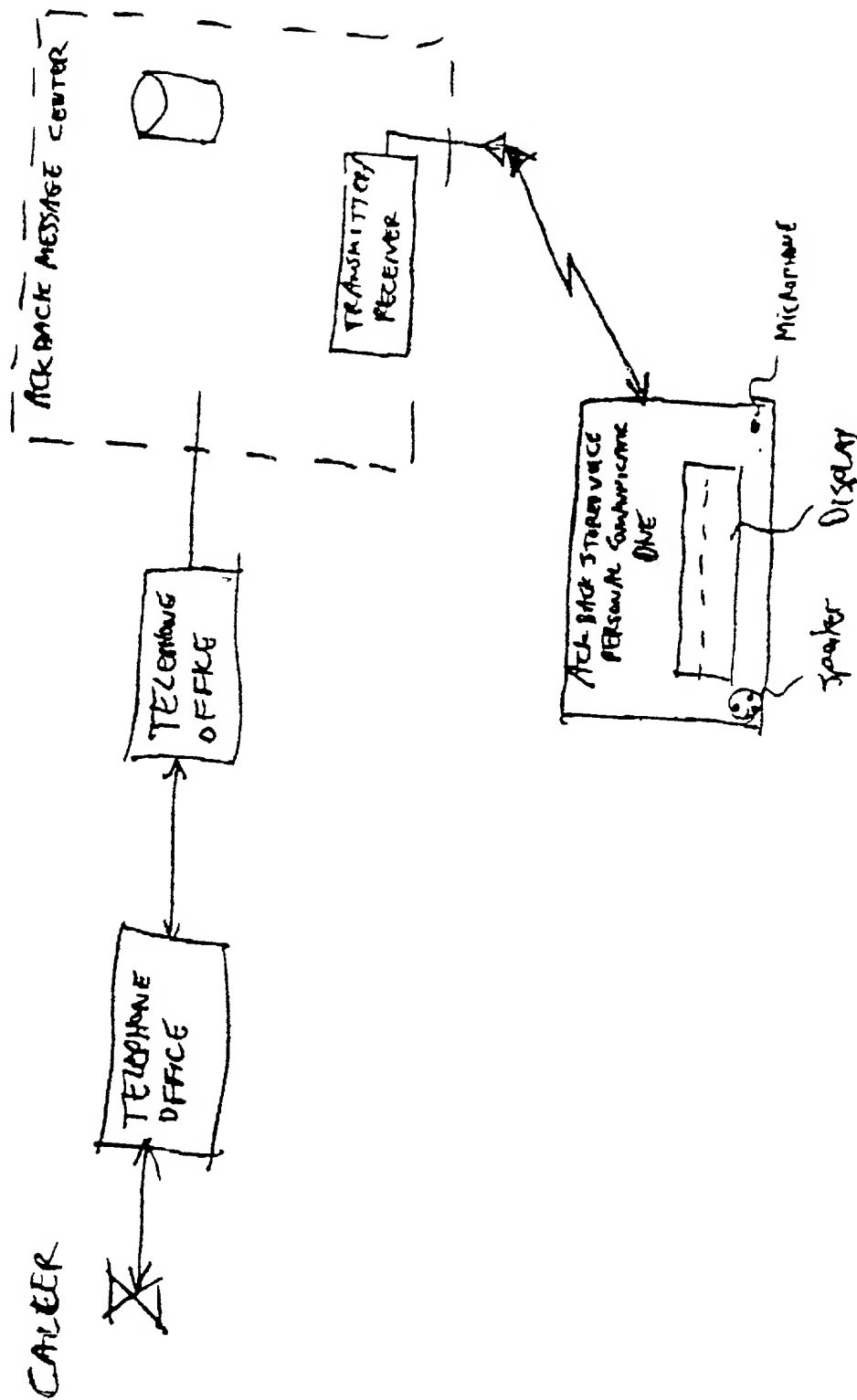


FIGURE 9B



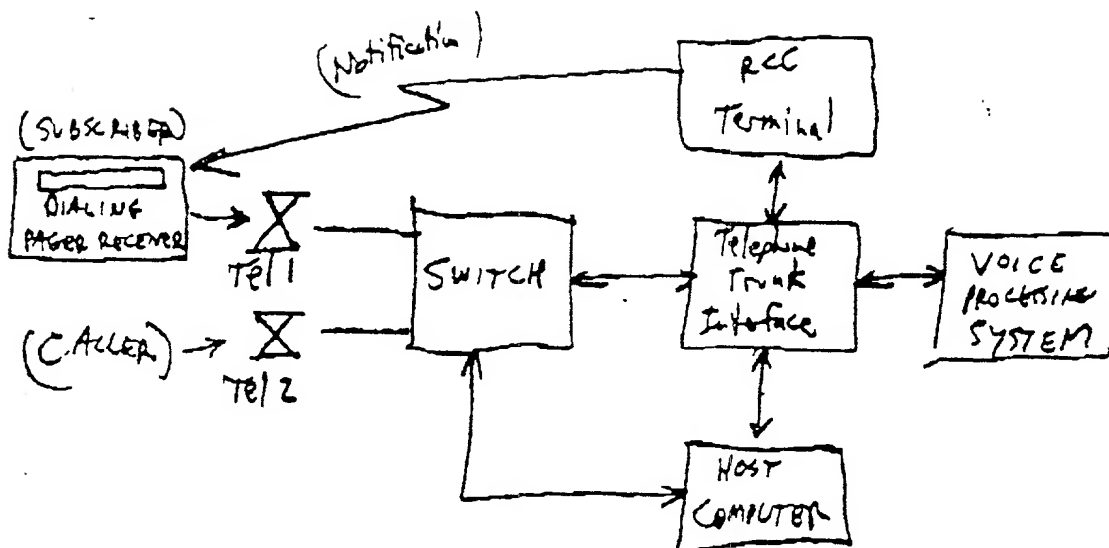


FIGURE 10



FIG. 11 (PRIOR ART)

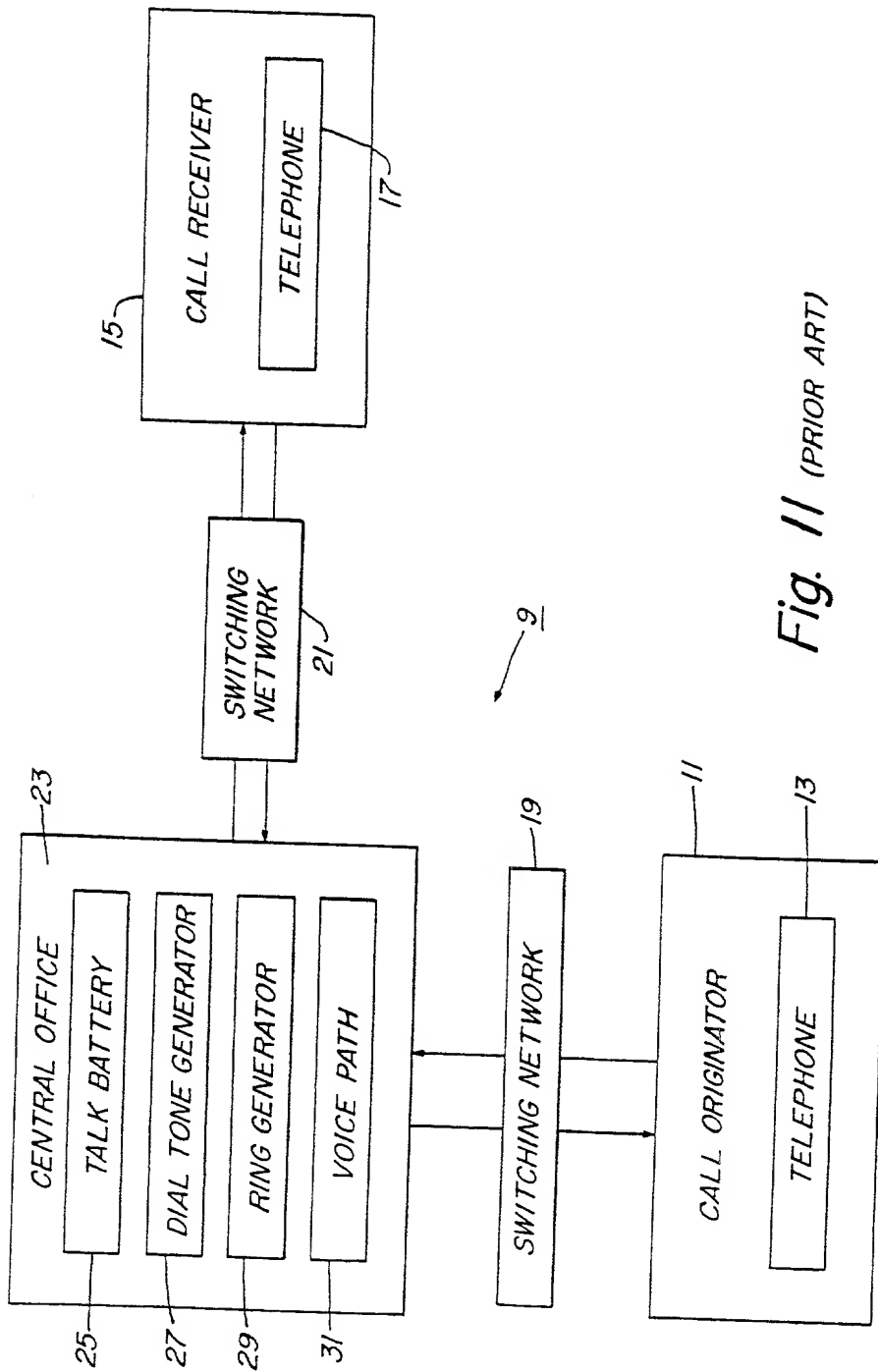


Fig. 11 (PRIOR ART)



Fig. 12A (PRIOR ART)

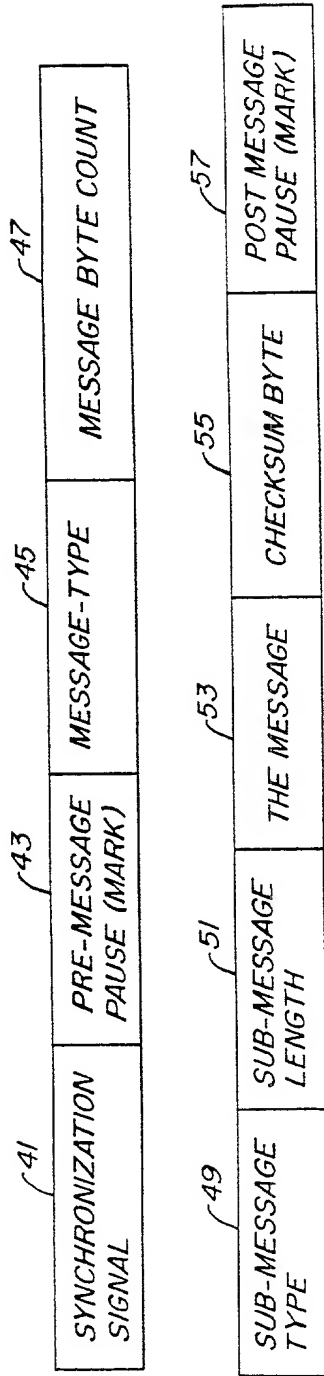


Fig. 12B (PRIOR ART)

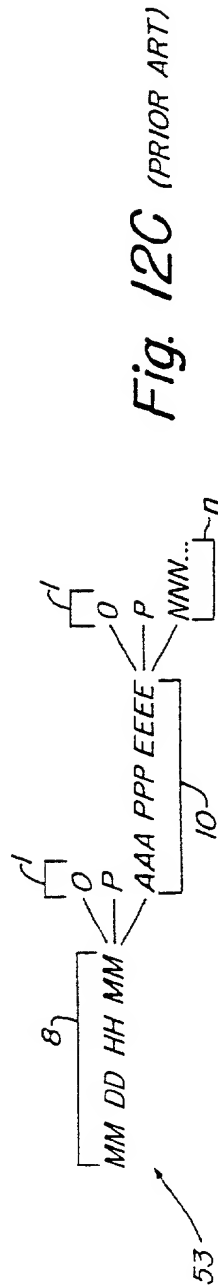


Fig. 12C (PRIOR ART)

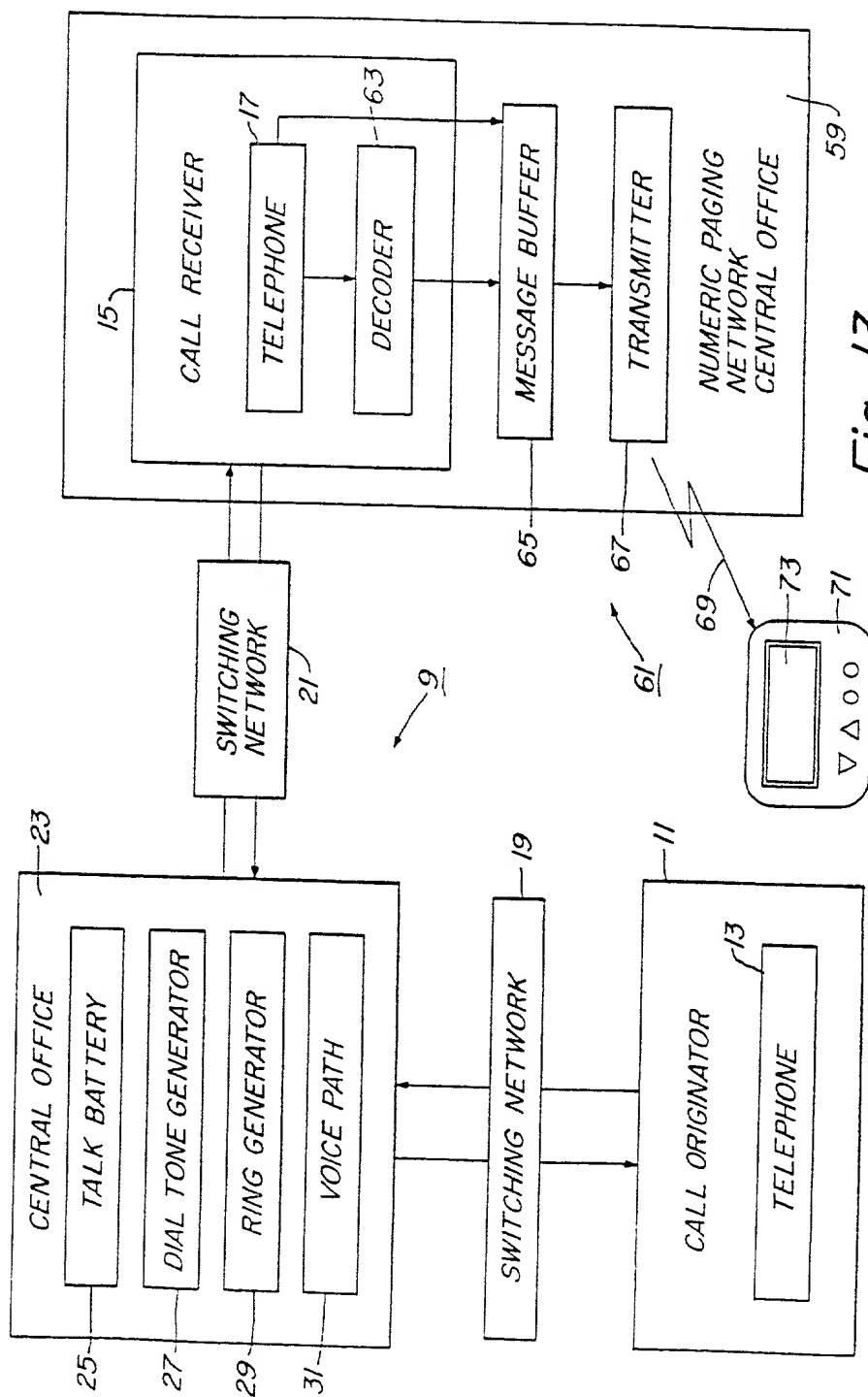


Fig. 13

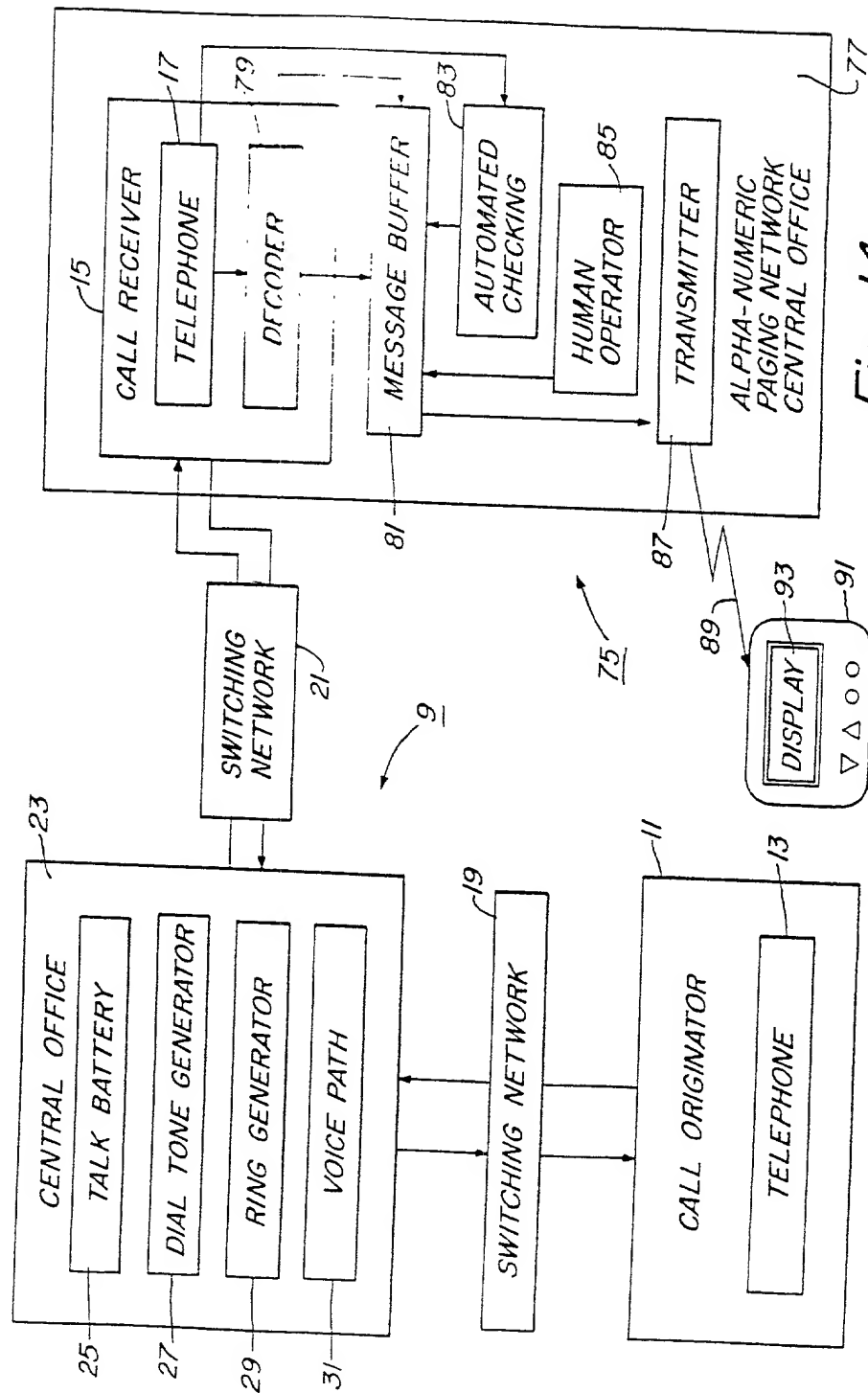


Fig. 14

<i>MESSAGE CODE NO.</i>	<i>TEXTUAL MESSAGE</i>
<i>*1</i>	<i>CALL WHEN YOU RETURN</i>
<i>*2</i>	<i>VOICE MAIL RECEIVED</i>
<i>*3</i>	<i>FAX MAIL RECEIVED</i>
<i>*4</i>	<i>ELECTRONIC MAIL RECEIVED</i>
<i>*5</i>	<i>IMAGE DATA RECEIVED</i>
<i>*6</i>	<i>OTHER DATA RECEIVED</i>
<i>*911</i>	<i>CALL IMMEDIATELY</i>
<i>.</i>	
<i>.</i>	
<i>.</i>	

*Fig. 15*

1	CALLER LOCATION DATA	(NUMERIC CALLER ID DATA FROM TEL. CO.)	CALLER IDENTIFICATION DATA (DTMF ENTRY BY CALLER)	CALLER MESSAGE CODE (DTMF ENTRY)
2	NNNN...	ABC...	NN	
	MMMMMM...	DEF	MM	
49	XXXXX...	LMN...	ZI...	
50	KKKKK...	WXY...	02	

Fig. 16

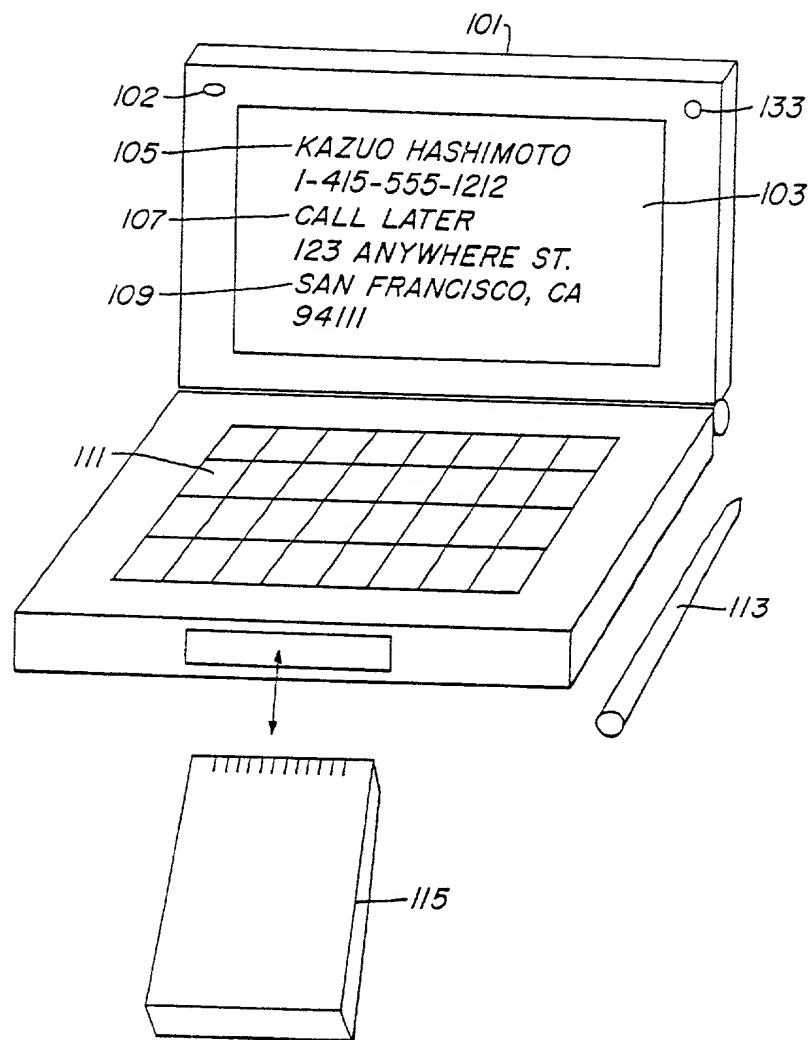


Fig. 17

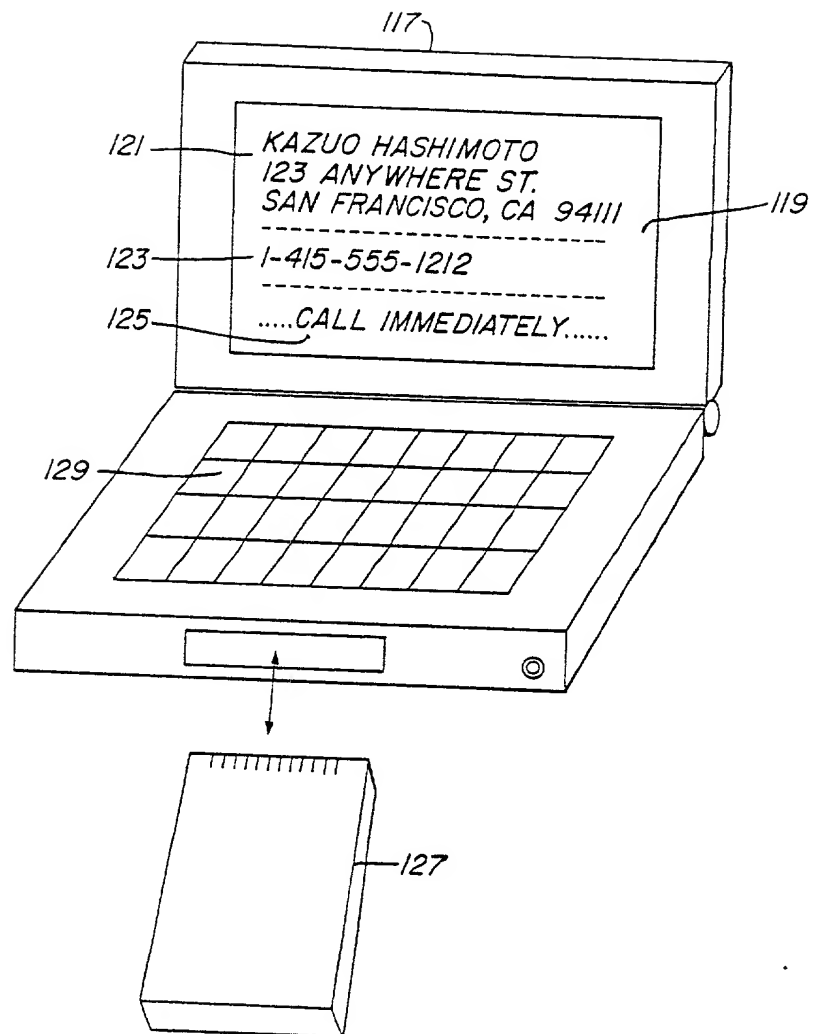


Fig. 18



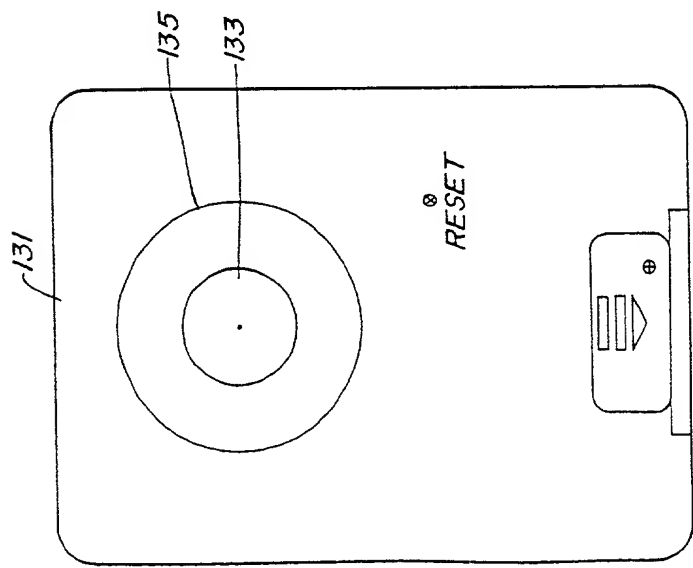


Fig. 19A

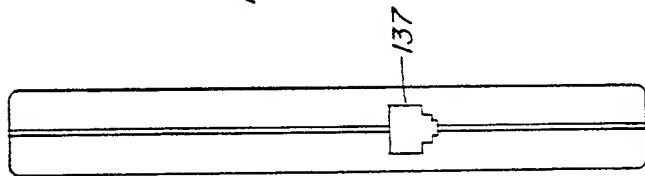


Fig. 19B

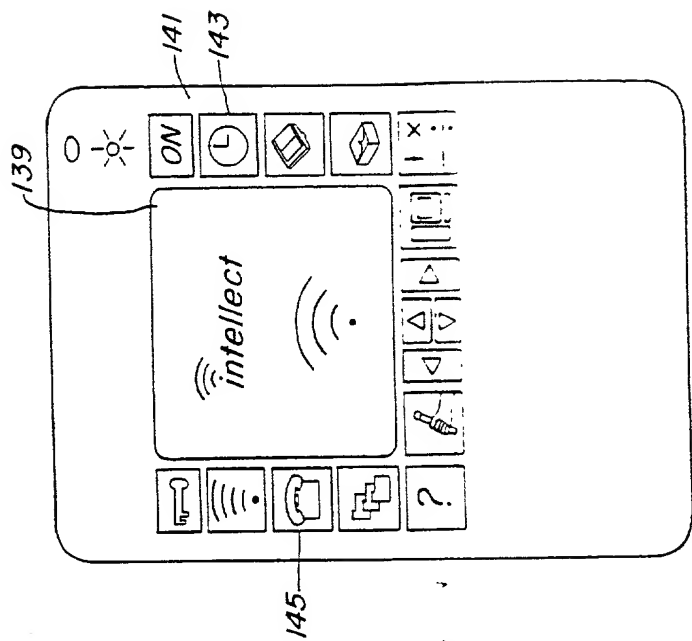


Fig. 19C

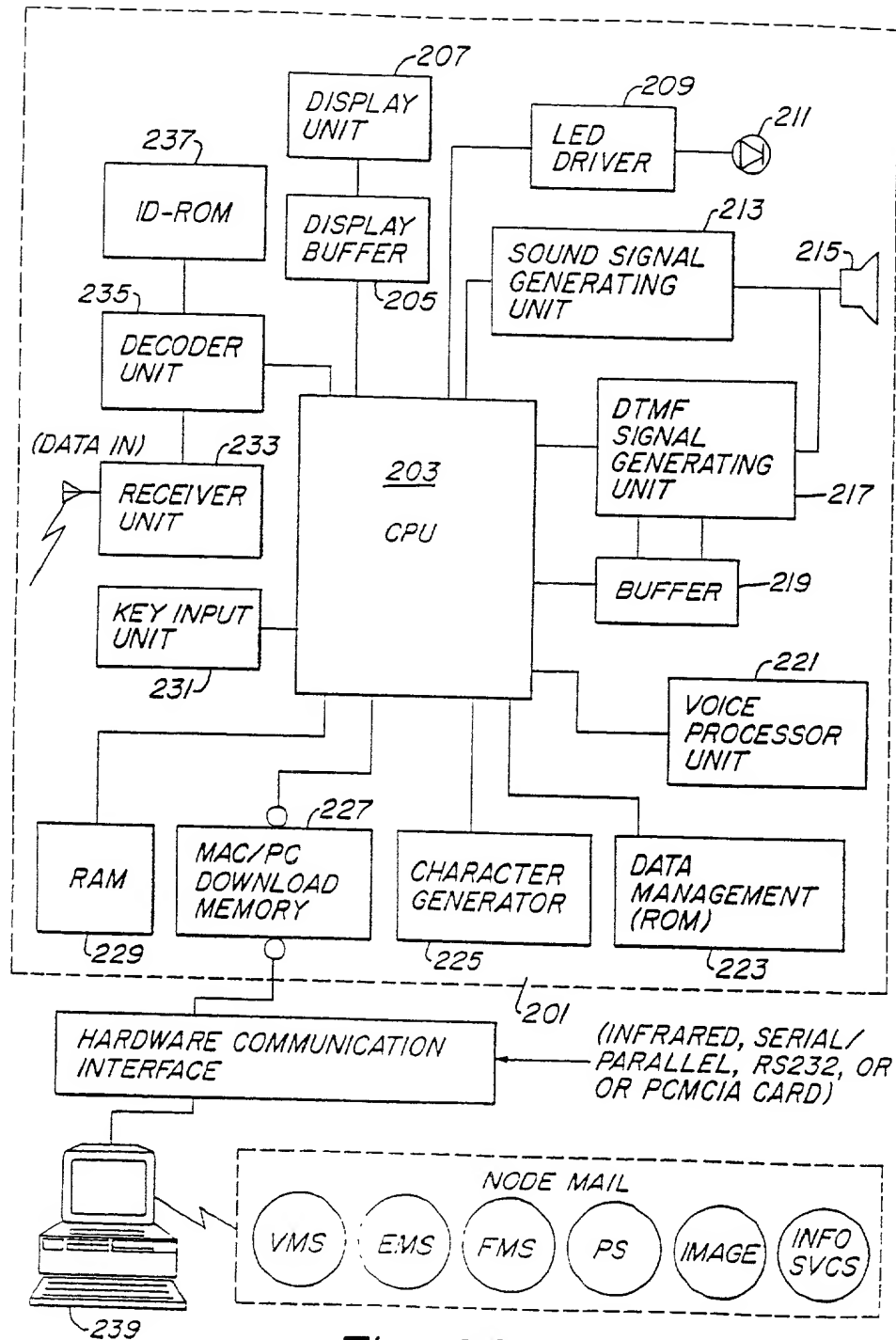


Fig. 20

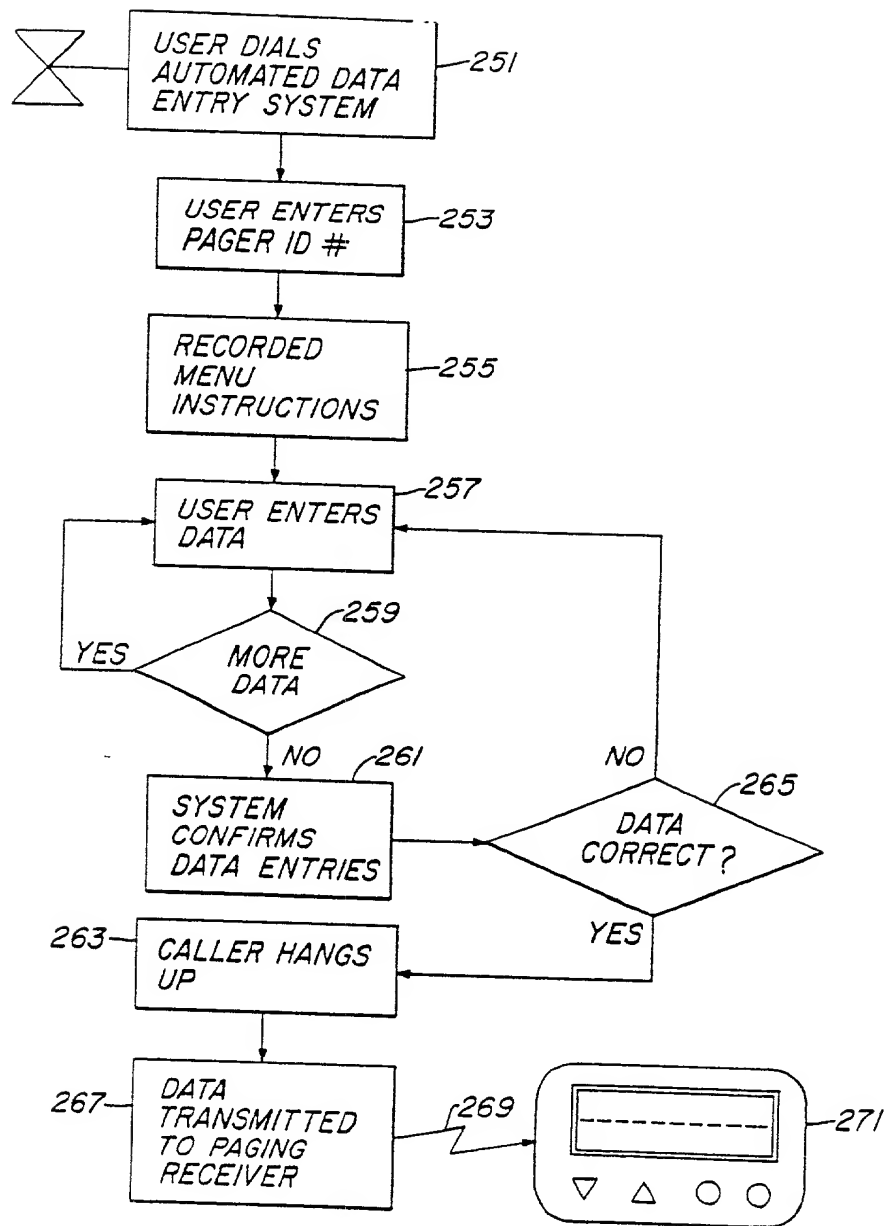
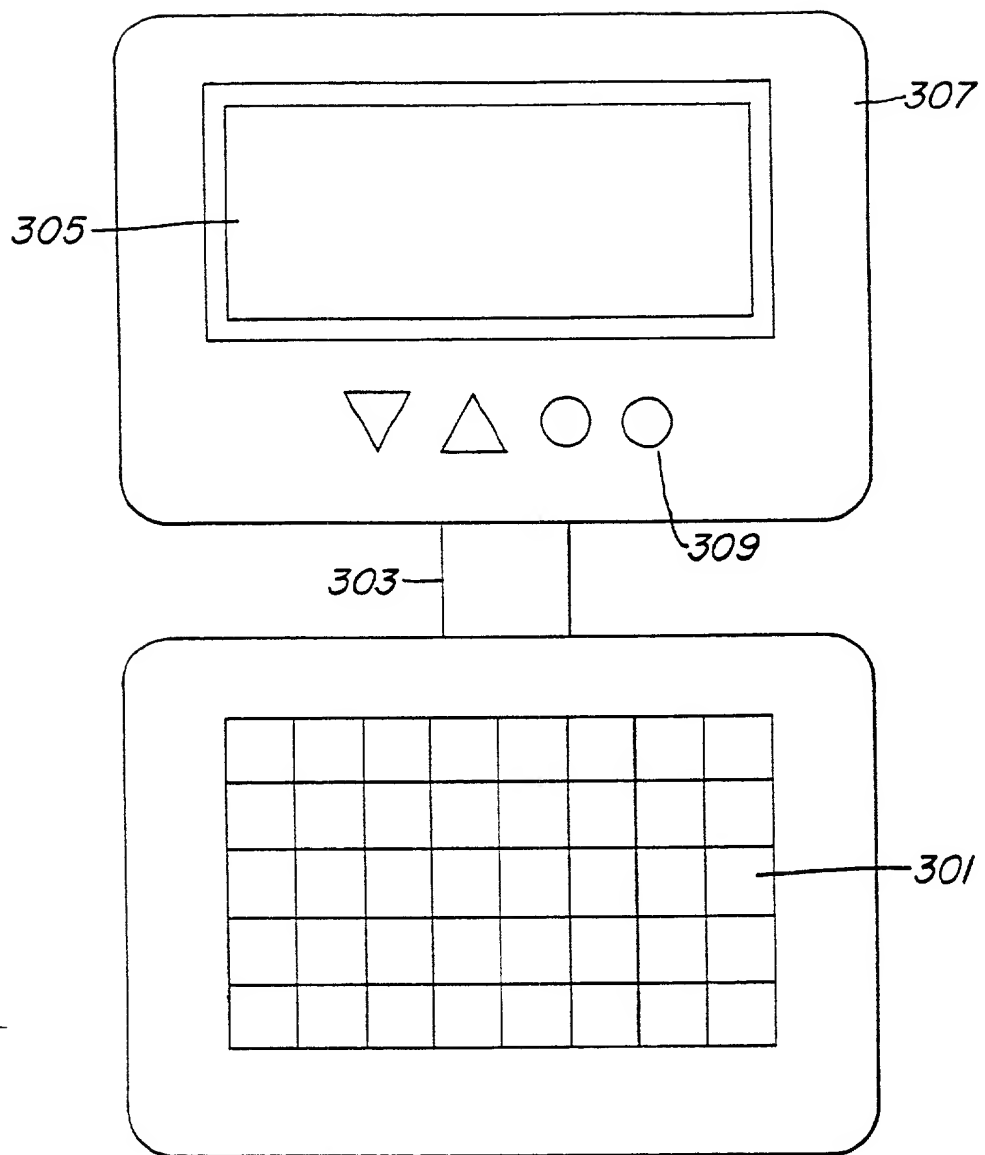


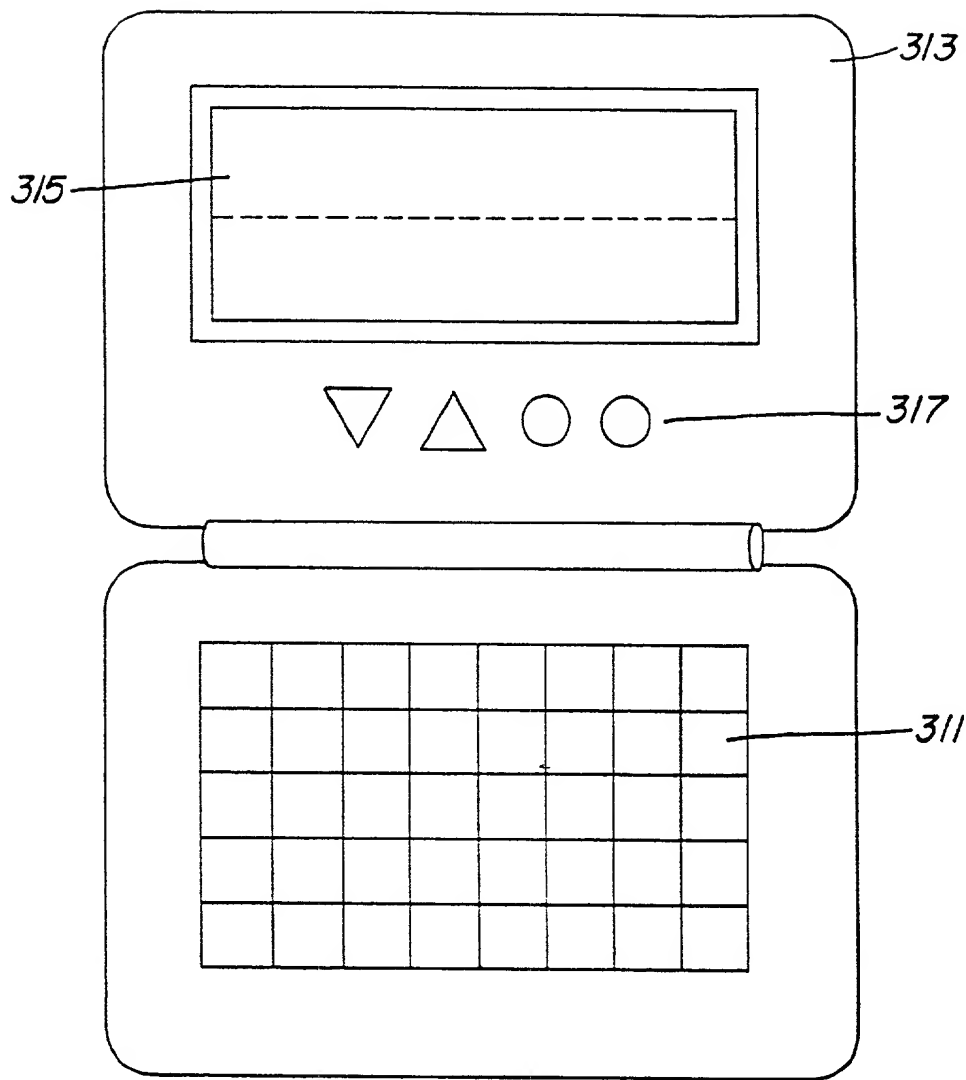
Fig. 21

TEL. NO.	FAX NO.	NAME	OTHER DATA	NT
1-415-555-1212	1-415-555-2121	KAZUO HASHIMOTO	123 ANYWHERE ST., SAN FRANCISCO, CA	VI
1-503-777-8889	1-503-777-8889	ABC COMPANY	1 TEST PLAZA, PORTLAND, OR	BL
1-415-541-0500	1-510-444-1212	ZYZ INC.	8 WAY, SAN FRANCISCO, CA	T

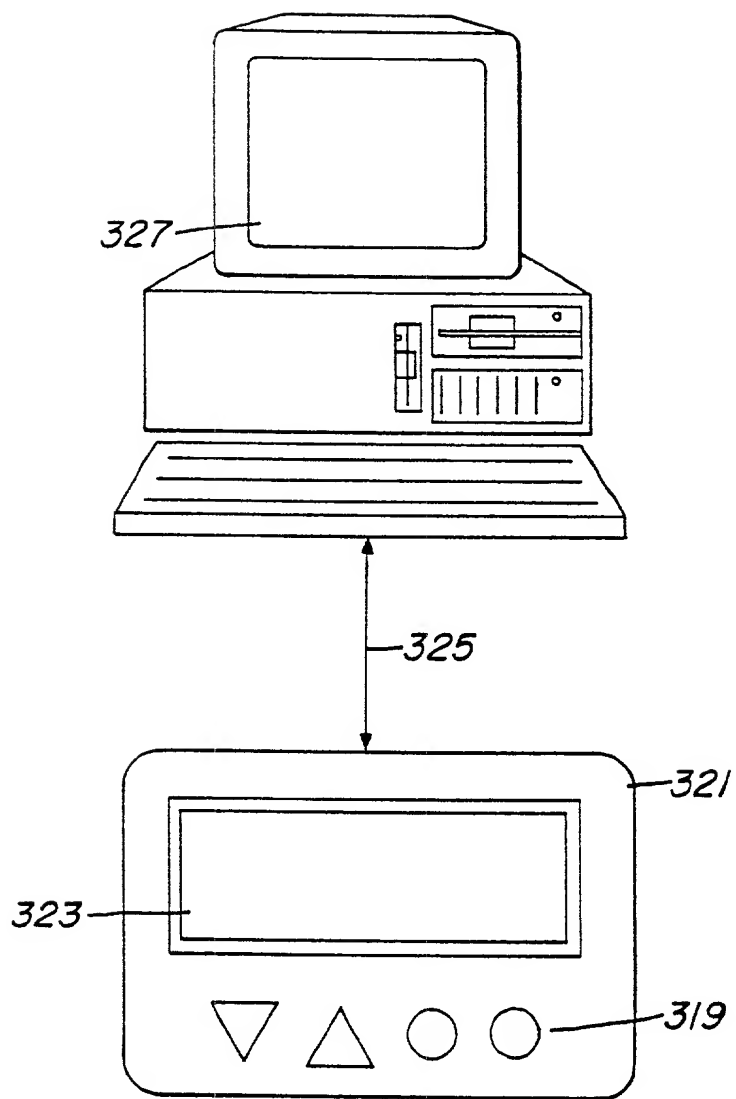
Fig. 22



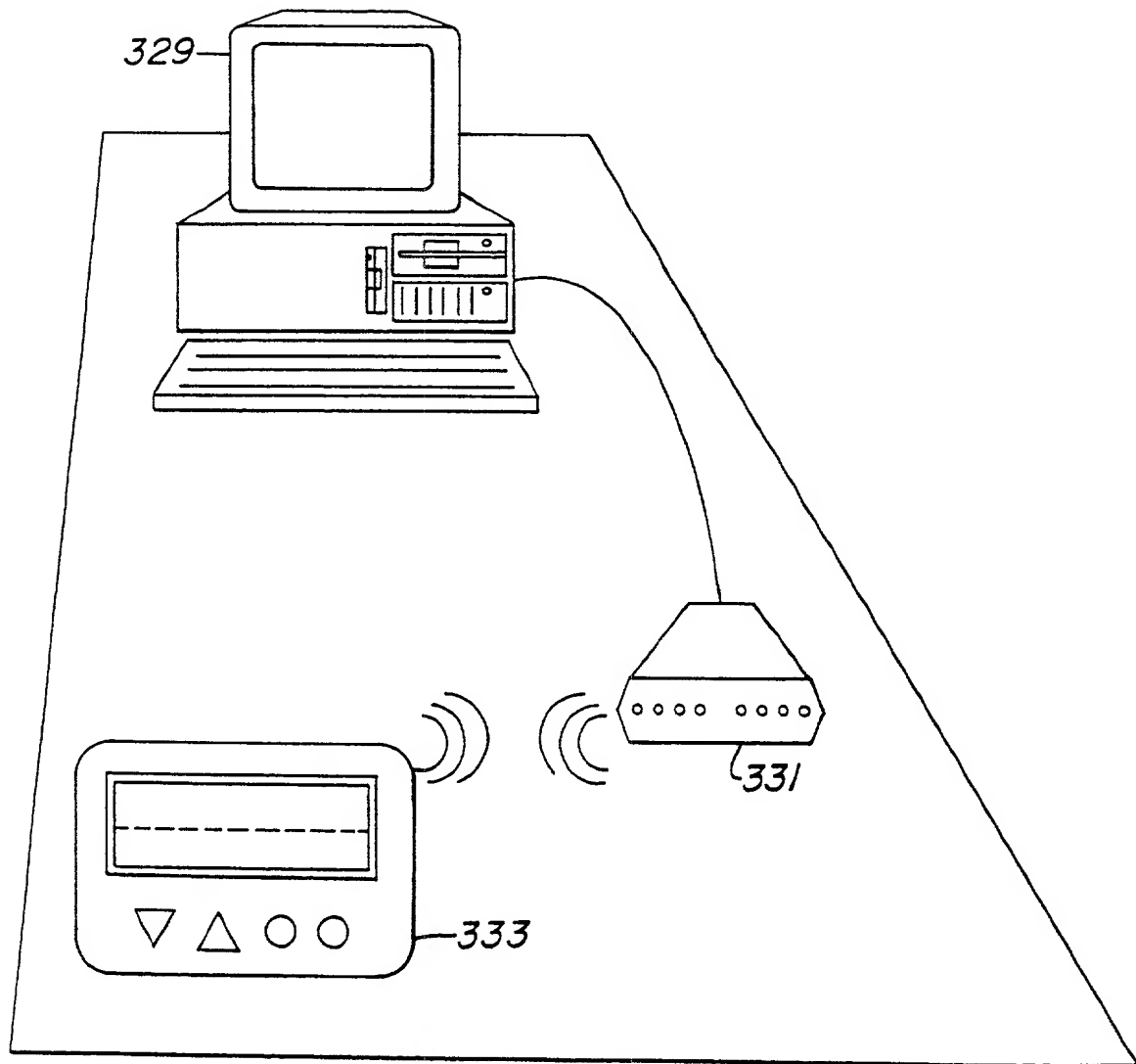
*Fig. 23*



*Fig. 24*



*Fig. 25*



*Fig. 26*



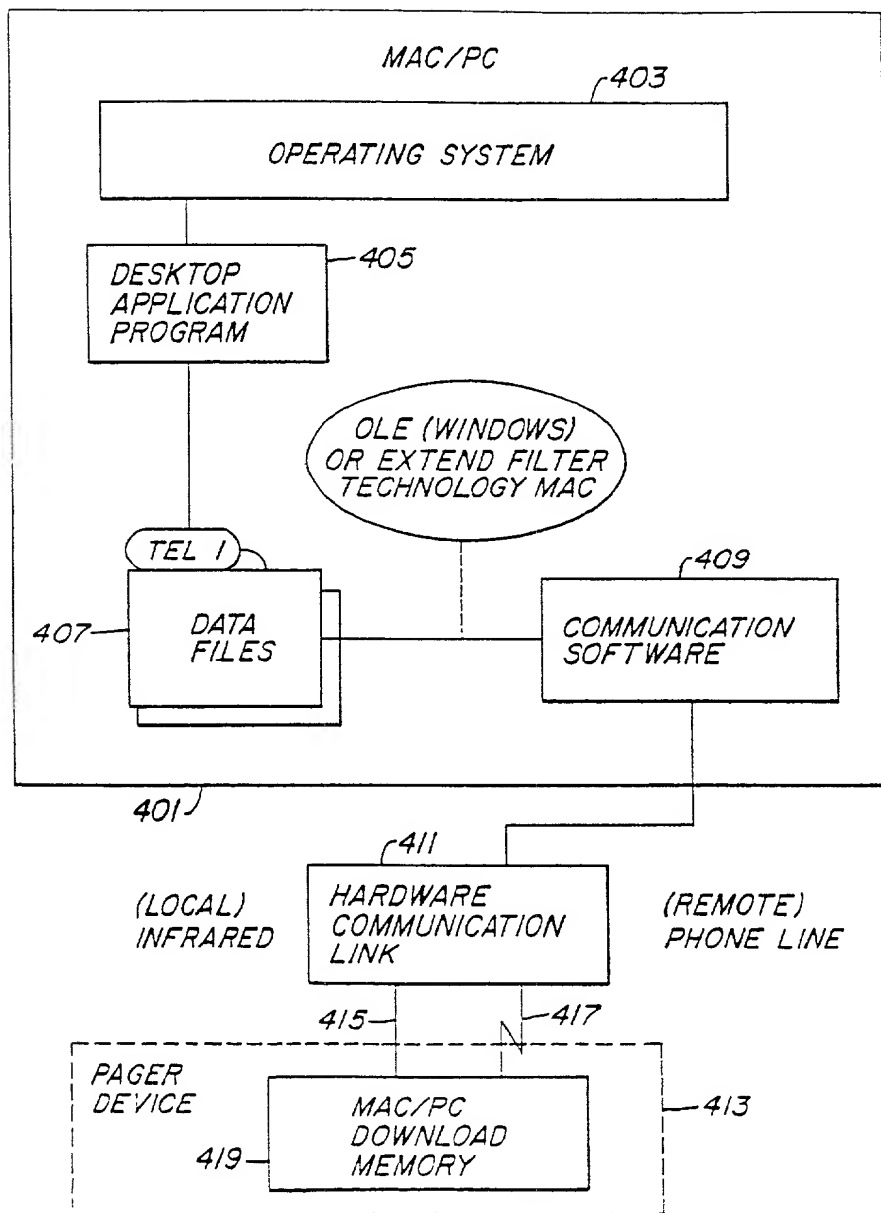


Fig. 27

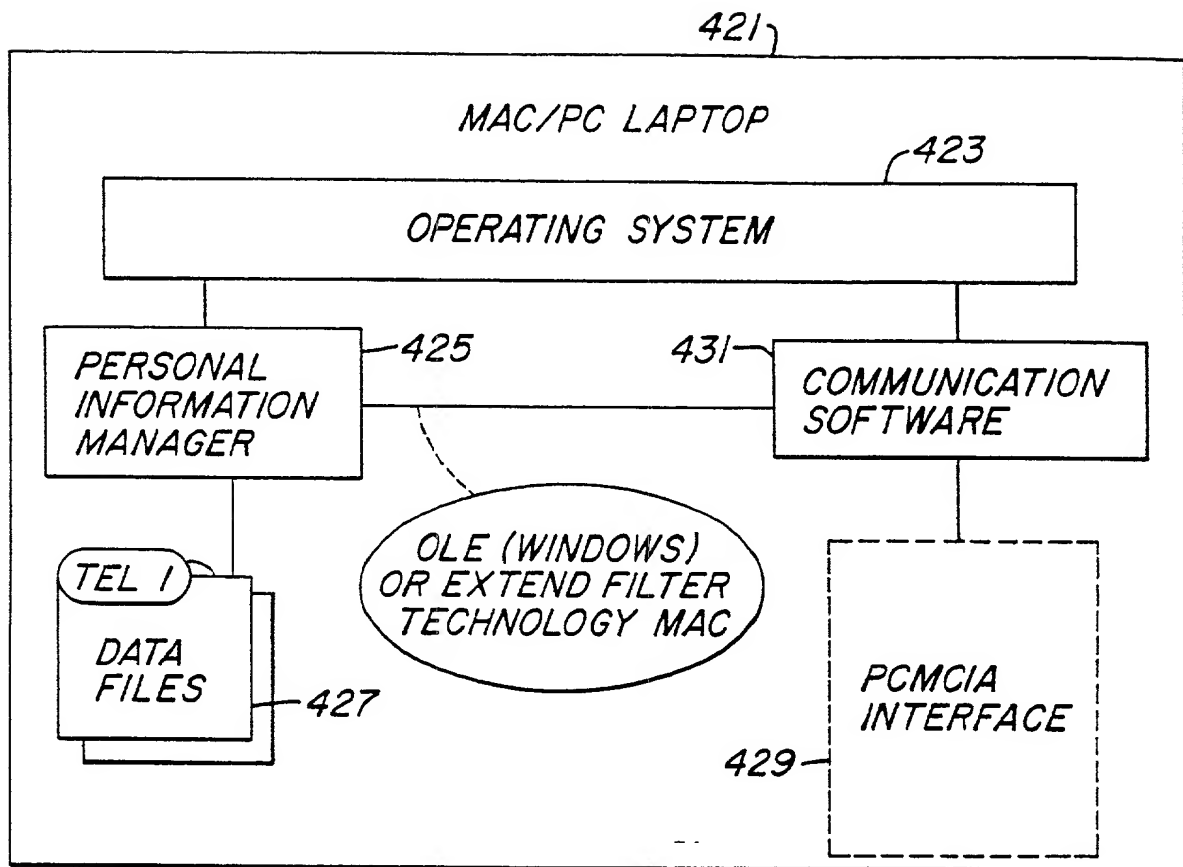
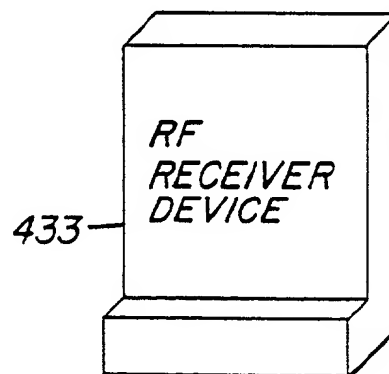


Fig. 28



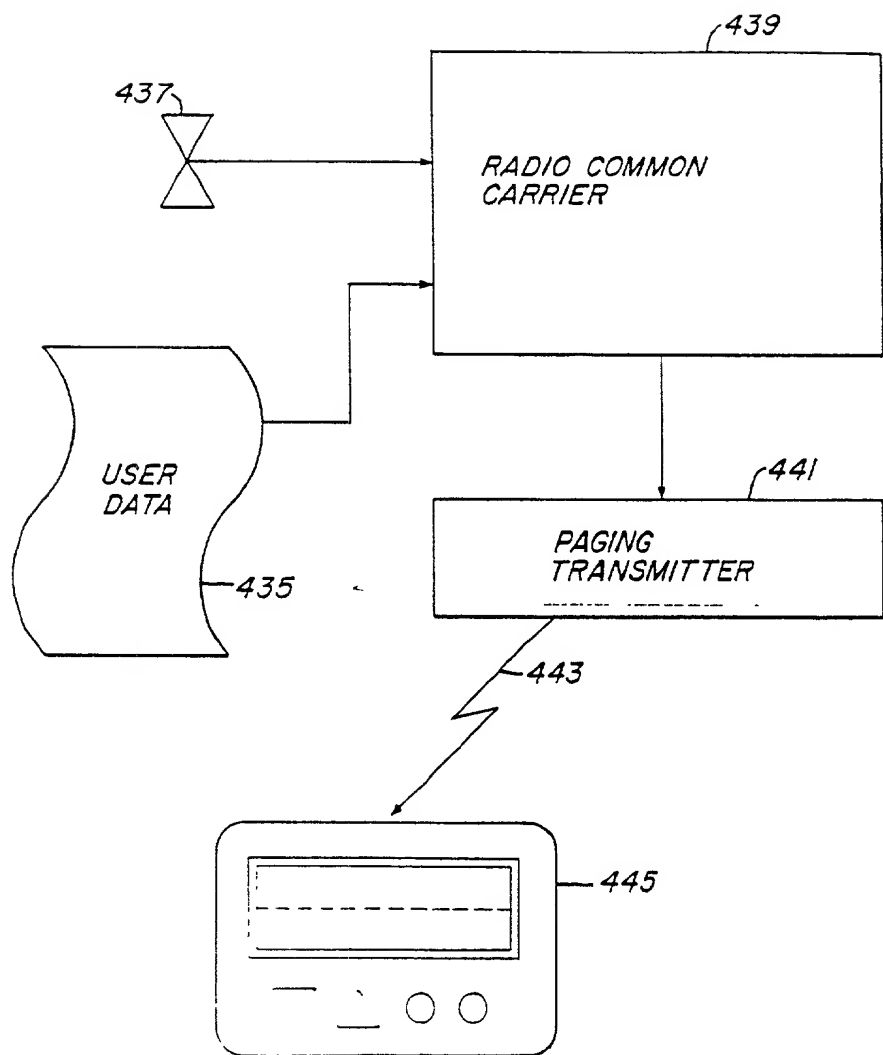


Fig. 29

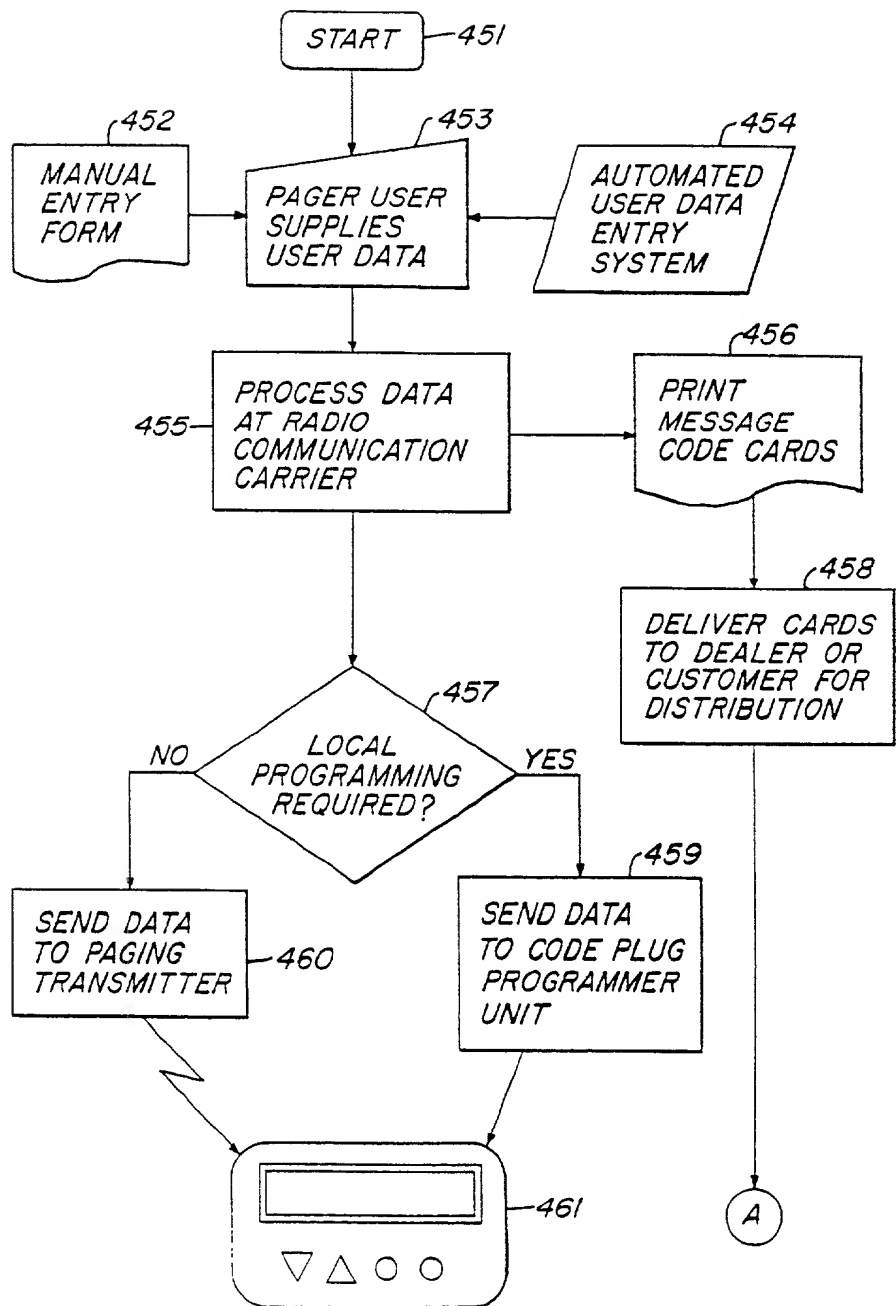


Fig. 30

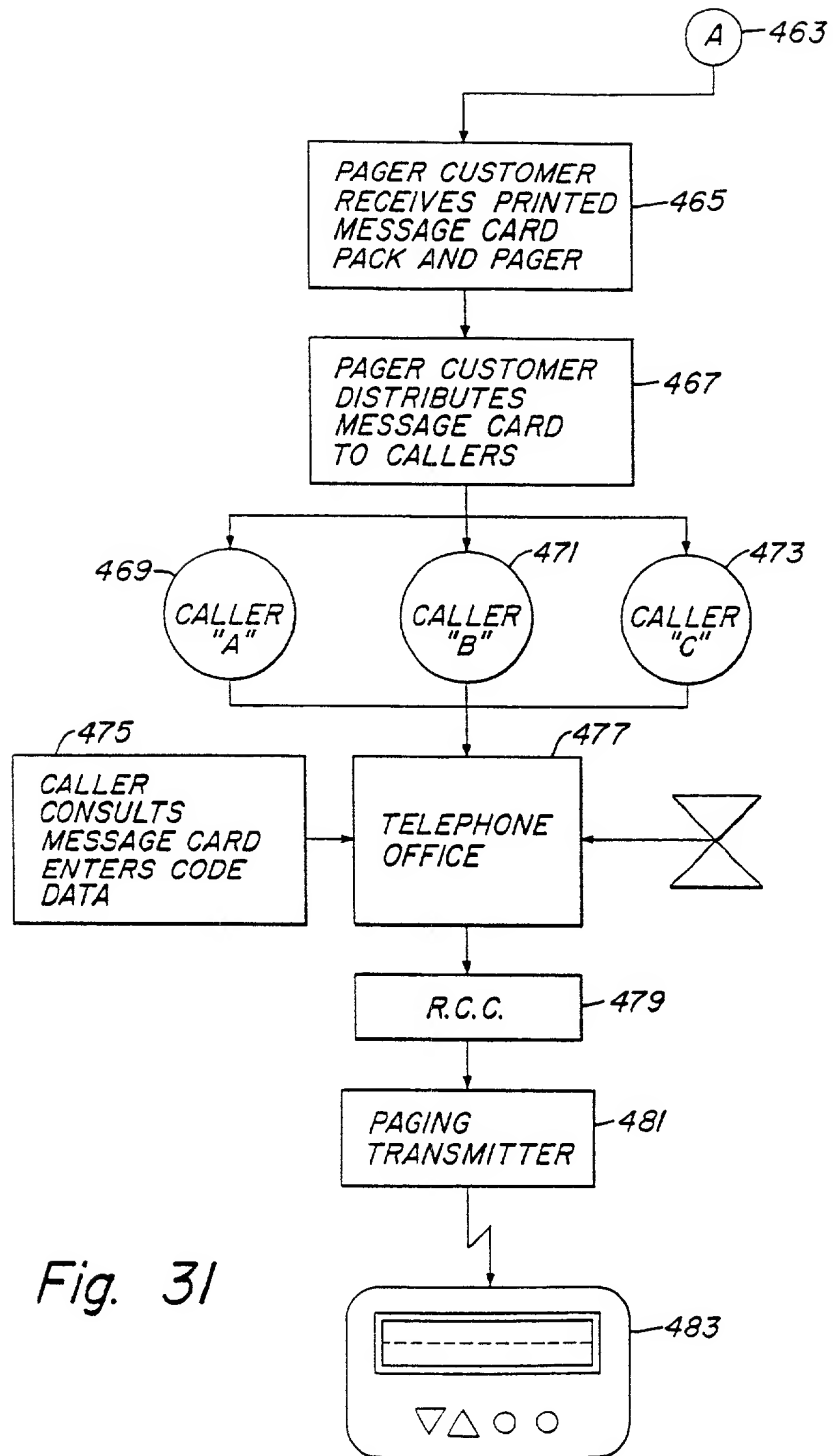


Fig. 31

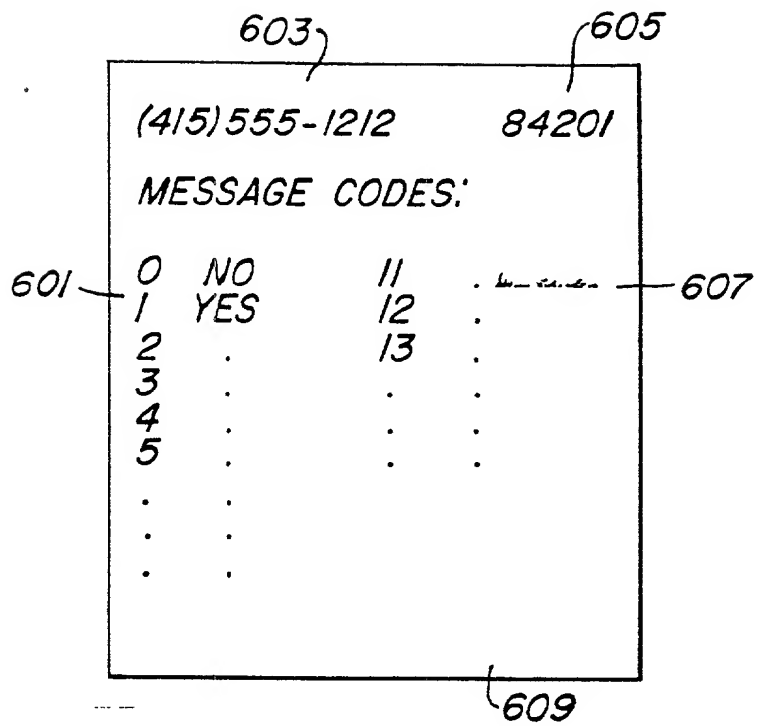


Fig. 32

MESSAGE CODE	(PLEASE PRINT)
11	P I C K U P T H E K I D S 611
12	
.	.
.	.
.	.
.	.
.	.
PHONE DATA	NAME DATA
613 5 5 5 1 2 1 2	JOHN SMITH
5 5 5 1 3 1 3	JOHN SMITH-FAX
.	.
.	.
.	.

615

Fig. 33